
Subject: Re: Please check the list of 2019.1 changes
Posted by [mirek](#) on Tue, 12 Feb 2019 13:15:55 GMT

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Another try (posting here mostly for myself to keep the track...)

Color DarkTheme2(Color c)

```
{  
    int h = 255 - Grayscale(c);
```

```
    int v[3], t[3];  
    v[0] = c.GetR();  
    v[1] = c.GetG();  
    v[2] = c.GetB();
```

```
    t[0] = h;  
    t[1] = h;  
    t[2] = h;
```

```
    int i0 = 0;  
    int i1 = 1;  
    int i2 = 2;
```

```
    if(v[i0] > v[i1])  
        Swap(i0, i1);  
    if(v[i1] > v[i2])  
        Swap(i1, i2);  
    if(v[i0] > v[i1])  
        Swap(i0, i1);
```

```
    t[i0] = clamp(h - (v[1] - v[0]), 0, 255);
```

```
    int h2 = h + (v[2] - v[1]);  
    t[i2] = clamp(h2, 0, 255);  
    h2 -= t[i2];  
    t[i0] -= h2;  
    t[i1] -= h2;
```

```
    return Color(t[i0], t[i1], t[i2]);
```

```
}
```

File Attachments

1) [Clipboard01.png](#), downloaded 1018 times
