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

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 1141 times
