

Converting Colors

HunterLab(80.4460, -65.1922,
40.7465)

Have a look what the booklet for
HunterLab(80.4460, -65.1922,
40.7465) contains.

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Color

**HunterLab(80.6038,
-65.3681, 40.9057)**

Conversions

Conversions Part 1

Format	Color
Hex	0CF35D
RGB	12, 243, 93
RGB Percent	5%, 95%, 36%
CMY	0.9529, 0.0470, 0.6353
CMYK	0.95, 0.00, 0.62, 0.05
HSL	141°, 91%, 50%
HSV	141°, 95%, 95%
XYZ	34.1781, 64.9697, 21.0951
YIQ	156.8310, -89.5260, -95.6220

Conversions

Conversions Part 2

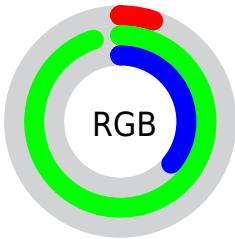
Format	Color
RYB	12, 183, 243
Decimal	848733
CIELab	84.47, -77.50, 57.49
CIELCh	84, 96.496, 143.430
Yxy	64.9724, 0.2842, 0.5403
Android (android.graphics.Color)	4279038813 (0xFF0CF35D)
YUV	156.8310, -31.4687, -127.0168
Hunter-Lab	80.6038, -65.3681, 40.9057

Details

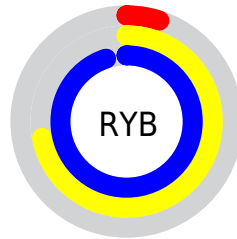
The HunterLab color **80.6038, -65.3681, 40.9057** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated green. A complement of this color would be **46.8269, 84.3194, -12.9549**, and the grayscale version is **58.1497, -3.1027, 3.1594**.

A 20% lighter version of the original color is **87.9221, -56.0574, 34.3026**, and **59.0130, -49.8331, 33.8142** is the 20% darker color. If you saturate the color by 10%, you get **80.4754, -66.0835, 42.0681**, and if you desaturate by 10%, it is **80.9839, -63.3887, 38.2443**.

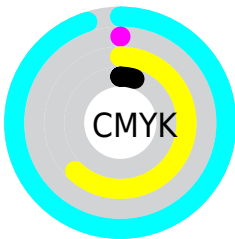
Distribution



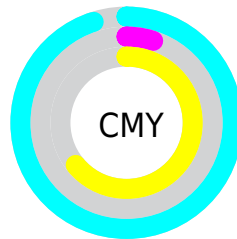
- Red (5%)
- Green (95%)
- Blue (36%)



- Red (5%)
- Yellow (72%)
- Blue (95%)



- Cyan (95%)
- Magenta (0%)
- Yellow (62%)
- Black (5%)





- Cyan (95%)
- Magenta (5%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 80.6038, -65.3681, 40.9057 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 80.6038, -65.3681, 40.9057 by changing the saturation by 10% instead.

 80.6038, -65.3681,
40.9057


 80.6038, -65.3681,
40.9057


210.4026,
-103.0845, 71.0318


 68.8757, -60.4194,
37.0200


 105.8349,
-74.6460, 48.2412


 57.7777, -55.2045,
32.9537


 119.2824,
-79.0362, 51.7315


 47.3494, -49.6632,
28.6757


 133.2558,
-83.2920, 55.1254

 37.6372, -43.7116,
24.1533

 147.7358,
-87.4315, 58.4356

 28.6983, -37.2326,
19.8090

 162.7053,
-91.4692, 61.6729

 20.6065, -30.1460,
14.4246

178.1489,

 13.4620, -23.5586,

-95.4174, 64.8464

9.4234

194.0523,
-99.2862, 67.9638

■ 7.0342, -12.3099,
4.9240

0.0000, NaN, NaN

■ 80.6038, -65.3681,
40.9057

■ 80.6038, -65.3681,
40.9057

■ 80.4754, -66.0835,
42.0681

■ 80.9839, -63.3887,
38.2443

■ 81.5801, -60.4374,
35.2162

■ 82.4224, -56.4229,
31.8570

■ 83.5302, -51.3059,
28.2085

■ 84.9158, -45.0900,
24.3177

■ 86.5858, -37.8137,
20.2355

■ 88.5418, -29.5435,
16.0137

■ 90.7811, -20.3657,
11.7026

■ 93.2977, -10.3784,
7.3487

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.6055, -37.5290, 50.3440



80.6038, -65.3681, 40.9057



80.6055, -76.5014, 13.7172

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.6055, -65.3691, 40.9061



80.6055, -14.5009, -138.6308



80.6055, 97.8916, 31.8720

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



80.6038, -65.3681, 40.9057



46.8269, 84.3194, -12.9549

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.6055, 108.0970, -6.2106



80.6038, -65.3681, 40.9057



80.6055, 35.3596, -123.1366

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.6055, -65.3691, 40.9061



80.6055, -51.8609, -101.3596



80.6055, 83.0360, -66.5243



80.6055, 57.7125, 47.6424

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.6038, -65.3681, 40.9057



80.6055, -75.3431, -18.5351



80.6055, 83.0360, -66.5243



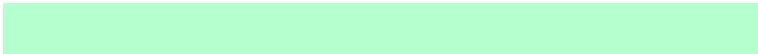
80.6055, 105.2745, 22.0842

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



80.6055, -65.3691, 40.9061



92.6573, -34.8353, 18.7202



84.7514, -49.2195, 51.1182



42.4656, -17.8223, 9.5407

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.6055, -65.3691, 40.9061



84.9990, -69.8281, 44.4974



82.9178, -51.1767, 7.3636



43.0906, -6.9667, 4.3399



59.6371, -48.8353, 30.8802



17.7331, -14.1483, 8.3774

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



46.8269, 84.3194, -12.9549



48.9878, 89.4822, -11.6711



44.1827, 74.5917, 24.9704



40.8214, 2.6908, 0.2581



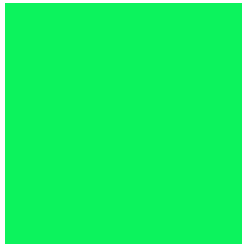
34.4026, 62.9195, -8.8079



10.2939, 18.9933, -3.9278

Previews

White Background



This preview shows how the HunterLab color 80.6038, -65.3681, 40.9057 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 80.6038, -65.3681, 40.9057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 80.6038, -65.3681, 40.9057 Background



This preview shows how black text looks on a background with the HunterLab color 80.6038, -65.3681, 40.9057.



This preview shows how white text looks on a background with the HunterLab color 80.6038, -65.3681, 40.9057.

-65.3681, 40.9057.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

80.6038, -65.3681, 40.9057

Protanopia

79.7177, -9.7111, 42.8651

Deuteranopia

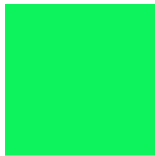
79.5467, 5.7268, 37.6909



Tritanopia

80.4595, -31.1766, -15.2158

Trichromacy



Original Color

80.6038, -65.3681, 40.9057



Protanomaly

76.9242, -40.1428, 39.7478



Deuteranomaly

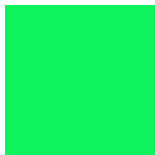
76.0502, -32.6619, 35.8707



Tritanomaly

79.4914, -47.6094, 11.8137

Monochromacy



Original Color

80.6038, -65.3681, 40.9057



Achromatopsia

58.0658, -3.0982, 3.1548



Achromatomaly

63.7422, -33.1528, 17.7184

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.6038, -65.3681, 40.9057 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(12, 243, 93)` looks like.

```
.text, #text, p{  
    color:rgb(12, 243, 93)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(12, 243, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 243, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 80.6038, -65.3681, 40.9057 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(12, 243, 93) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(12, 243, 93) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(12, 243, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 243, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 243, 93);  
box-shadow:4px 4px 4px 4px rgb(12, 243,  
93) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.6038, -65.3681, 40.9057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 243, 93) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(12, 243,  
93) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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