

Converting Colors

HunterLab(76.5586, -57.2055,
37.2794)

Have a look what the booklet for
HunterLab(76.5586, -57.2055,
37.2794) contains.

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Color

**HunterLab(76.6665,
-57.2703, 37.3027)**

Conversions

Conversions Part 1

Format	Color
Hex	46E662
RGB	70, 230, 98
RGB Percent	27%, 90%, 38%
CMY	0.7255, 0.0980, 0.6157
CMYK	0.70, 0.00, 0.57, 0.10
HSL	131°, 76%, 59%
HSV	131°, 70%, 90%
XYZ	33.0272, 58.7775, 21.1597
YIQ	167.1120, -52.9880, -74.9720

Conversions

Conversions Part 2

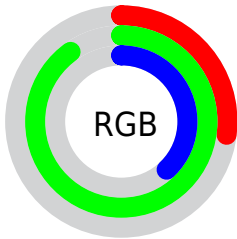
Format	Color
RYB	70, 206, 230
Decimal	4646498
CIELab	81.17, -67.32, 51.69
CIElCh	81, 84.870, 142.482
Yxy	58.7800, 0.2924, 0.5203
Android (android.graphics.Color)	4282836578 (0xFF46E662)
YUV	167.1120, -34.0722, -85.1672
Hunter-Lab	76.6665, -57.2703, 37.3027

Details

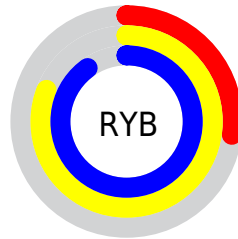
The HunterLab color $76.6665, -57.2703, 37.3027$ is a dark color, and the websafe version is hex $66FF66$. The color can be described as middle muted spring green. A complement of this color would be $50.4664, 72.5668, -33.2807$, and the grayscale version is $62.3626, -3.3275, 3.3883$.

A 20% lighter version of the original color is $88.9412, -51.7997, 34.0958$, and $54.8352, -45.8373, 30.4103$ is the 20% darker color. If you saturate the color by 10%, you get $76.0034, -60.4757, 39.9995$, and if you desaturate by 10%, it is $77.5932, -52.9209, 34.0314$.

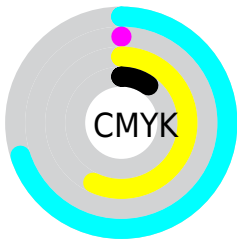
Distribution



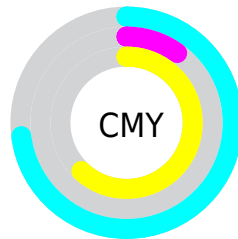
- Red (27%)
- Green (90%)
- Blue (38%)



- Red (27%)
- Yellow (81%)
- Blue (90%)



- Cyan (70%)
- Magenta (0%)
- Yellow (57%)
- Black (10%)



- Cyan (73%)
- Magenta (10%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.6665, -57.2703, 37.3027 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 76.6665, -57.2703, 37.3027 by changing the saturation by 10% instead.

■ 76.6665, -57.2703,
37.3027

■ 76.6665, -57.2703,
37.3027

204.9600,
-90.9288, 65.0949

■ 65.1429, -52.8741,
33.7231

■ 101.5174,
-65.5193, 44.0565

■ 54.2613, -48.2409,
29.9720

■ 114.7870,
-69.4278, 47.2709

■ 44.0637, -43.3133,
26.0159

■ 128.5891,
-73.2211, 50.3983

■ 34.5996, -38.0094,
21.8164

■ 142.9039,
-76.9151, 53.4509

■ 25.9310, -32.2111,
17.8232

157.7137,
-80.5228, 56.4391

■ 18.1389, -25.9927,
12.6972

173.0025,

■ 11.3360, -19.8380,

-84.0553, 59.3712

7.9352

188.7557,
-87.5213, 62.2544

■ 3.5997, -6.2995,
2.5198

0.0000, NaN, NaN

■ 76.6665, -57.2703,
37.3027

■ 76.6665, -57.2703,
37.3027

■ 76.0034, -60.4757,
39.9995

■ 77.5932, -52.9209,
34.0314

■ 75.5757, -62.6020,
42.1139


■ 78.7942, -47.4070,
30.2088


■ 75.3412, -63.8219,
43.6511


■ 80.2803, -40.7544,
25.8757


■ 75.3331, -63.8640,
43.7041

■ 82.0548, -33.0226,
21.0844

 84.1163, -24.2967,
15.8950

 86.4595, -14.6789,
10.3712

 89.0760, -4.2795,
4.5764

 91.9551, 6.7900,
-1.4298

 92.2366, 8.0897,
-3.8368

Harmonies

Analogous

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



76.6681, -32.0484, 46.2187



76.6665, -57.2703, 37.3027



76.6681, -67.7930, 13.3773

Triad

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



76.6681, -57.2713, 37.3031



76.6681, -14.1692, -114.1200



76.6681, 83.5007, 27.7239

Complementary

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



76.6665, -57.2703, 37.3027



50.4664, 72.5668, -33.2807

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.



76.6681, 91.0993, -6.3356



76.6665, -57.2703, 37.3027



76.6681, 28.5441, -102.9374

Square

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



76.6681, -57.2713, 37.3031



76.6681, -46.5525, -82.6685



76.6681, 69.2408, -57.2224



76.6681, 50.2481, 43.0726

Rectangle

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



76.6665, -57.2703, 37.3027



76.6681, -67.0309, -13.9281



76.6681, 69.2408, -57.2224



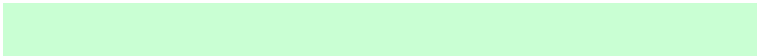
76.6681, 89.3890, 18.7149

Sweetspot

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



76.6681, -57.2713, 37.3031



94.1776, -28.9060, 18.8012



83.5356, -30.5345, 46.8269



43.2647, -14.6618, 9.4588

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.6681, -57.2713, 37.3031



85.2210, -69.0547, 45.9709



78.1404, -48.2802, 15.8746



40.1623, -6.7649, 4.7869



56.6924, -47.9828, 32.7205



15.4506, -12.7969, 8.3130

Inverse Universe

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



50.4664, 72.5668, -33.2807



52.9841, 91.7817, -39.9372



47.5843, 60.8534, 6.9004



38.1702, 2.7927, -0.5795



34.1160, 64.6233, -26.0056



9.3355, 17.7836, -7.8925

Previews

White Background



This preview shows how the HunterLab color 76.6665, -57.2703, 37.3027 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 76.6665, -57.2703, 37.3027 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 76.6665, -57.2703, 37.3027 Background



This preview shows how black text looks on a background with the HunterLab color 76.6665, -57.2703, 37.3027.



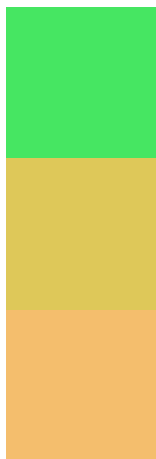
This preview shows how white text looks on a background with the HunterLab color 76.6665, -57.2703, 37.3027.

-57.2703, 37.3027.

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

76.6665, -57.2703, 37.3027

Protanopia

75.8679, -9.0562, 39.2049

Deuteranopia

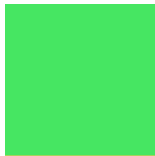
75.6070, 5.7576, 35.3438



Tritanopia

76.4032, -26.6581, -13.2110

Trichromacy



Original Color

76.6665, -57.2703, 37.3027



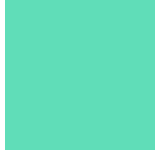
Protanomaly

74.5498, -31.9041, 37.3260



Deuteranomaly

73.8284, -24.1786, 34.3366



Tritanomaly

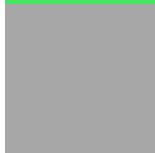
75.9344, -40.4269, 10.6752

Monochromacy



Original Color

76.6665, -57.2703, 37.3027



Achromatopsia

62.1634, -3.3169, 3.3775



Achromatomaly

66.0950, -27.0531, 17.2974

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.6665, -57.2703, 37.3027 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(70, 230, 98)` looks like.

```
.text, #text, p{  
    color:rgb(70, 230, 98)  
}
```

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(70, 230, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 230, 98) }
```

Border

The CSS property to change the border of an element to HunterLab 76.6665, -57.2703, 37.3027 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(70, 230, 98) }
```


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

```
.border{ border-color:rgb(70, 230, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 230, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 230, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 230, 98);  
box-shadow:4px 4px 4px 4px rgb(70, 230,  
98) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.6665, -57.2703, 37.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 230, 98) }
```

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

```
.background{ background-color: rgb(70, 230,  
98) }
```

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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