

Converting Colors

HunterLab(76.6325, -57.9467,
40.4851)

Have a look what the booklet for
HunterLab(76.6325, -57.9467,
40.4851) contains.

HunterLab(76.6124, -57.9103, 40.4698)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(76.6124,
-57.9103, 40.4698)**

Conversions

Conversions Part 1

Format	Color
Hex	4CE64F
RGB	76, 230, 79
RGB Percent	30%, 90%, 31%
CMY	0.7020, 0.0980, 0.6902
CMYK	0.67, 0.00, 0.66, 0.10
HSL	121°, 75%, 60%
HSV	121°, 67%, 90%
XYZ	32.6886, 58.6946, 17.0034
YIQ	166.7400, -43.3130, -79.6090

Conversions

Conversions Part 2

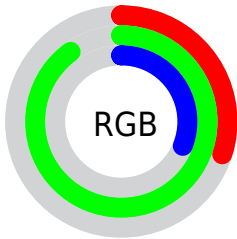
Format	Color
RYB	76, 227, 230
Decimal	5039695
CIELab	81.12, -68.32, 59.75
CIELCh	81, 90.766, 138.829
Yxy	58.6970, 0.3016, 0.5415
Android (android.graphics.Color)	4283229775 (0xFF4CE64F)
YUV	166.7400, -43.2558, -79.5790
Hunter-Lab	76.6124, -57.9103, 40.4698

Details

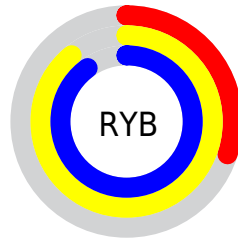
The HunterLab color **76.6124, -57.9103, 40.4698** is a dark color, and the websafe version is hex **66FF66**. The color can be described as dark muted green. A complement of this color would be **52.4773, 75.1227, -48.4562**, and the grayscale version is **62.2430, -3.3211, 3.3818**.

A 20% lighter version of the original color is **88.8775, -52.6693, 38.7979**, and **54.6981, -46.6967, 32.4369** is the 20% darker color. If you saturate the color by 10%, you get **75.9229, -61.1782, 42.7450**, and if you desaturate by 10%, it is **77.5881, -53.3714, 37.3572**.

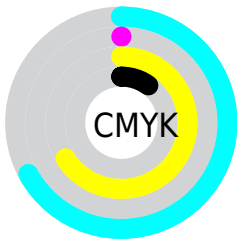
Distribution



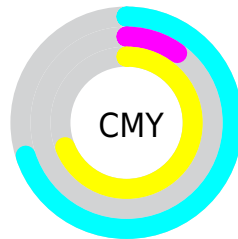
- Red (30%)
- Green (90%)
- Blue (31%)



- Red (30%)
- Yellow (89%)
- Blue (90%)



- Cyan (67%)
- Magenta (0%)
- Yellow (66%)
- Black (10%)



- Cyan (70%)
- Magenta (10%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.6124, -57.9103, 40.4698 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 76.6124, -57.9103, 40.4698 by changing the saturation by 10% instead.

■ 76.6124, -57.9103,
40.4698

■ 76.6124, -57.9103,
40.4698

204.8849,
-92.0072, 71.8713

■ 65.0917, -53.4509,
36.3864

■ 101.4580,
-66.2742, 48.1569

■ 54.2131, -48.7495,
32.1057

■ 114.7251,
-70.2354, 51.8045

■ 44.0187, -43.7477,
27.5971

■ 128.5248,
-74.0788, 55.3454

■ 34.5581, -38.3624,
22.8529

■ 142.8373,
-77.8205, 58.7936

■ 25.8933, -32.4736,
18.1253

■ 157.6449,
-81.4741, 62.1610

■ 18.1054, -26.2137,
12.6738

172.9316,

■ 11.3074, -19.7879,

-85.0505, 65.4576

7.9152

188.6827,
-88.5589, 68.6920

■ 3.5287, -6.1753,
2.4701

0.0000, NaN, NaN

■ 76.6124, -57.9103,
40.4698

■ 76.6124, -57.9103,
40.4698

■ 75.9229, -61.1782,
42.7450

■ 77.5881, -53.3714,
37.3572

■ 75.4897, -63.2492,
44.2263


■ 78.8616, -47.5394,
33.3986


■ 75.2769, -64.2773,
45.0022


■ 80.4436, -40.4464,
28.6189

■ 75.2368, -64.4689,
45.1304

■ 82.3368, -32.1634,
23.0680

 84.5387, -22.7908,
16.8147

 87.0423, -12.4475,
9.9388

 89.8375, -1.2605,
2.5253

 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.



76.6140, -29.5134, 47.9179



76.6124, -57.9103, 40.4698



76.6140, -70.6436, 18.1729

Triad

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



76.6140, -57.9114, 40.4702



76.6140, -19.7934, -124.1240



76.6140, 93.4725, 25.8509

Complementary

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



76.6124, -57.9103, 40.4698



52.4773, 75.1227, -48.4562

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.



76.6140, 97.7438, -13.1048



76.6124, -57.9103, 40.4698



76.6140, 25.1480, -117.6809

Square

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



76.6140, -57.9114, 40.4702



76.6140, -52.1829, -84.4294



76.6140, 70.5001, -69.9132



76.6140, 59.8864, 43.3686

Rectangle

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



76.6124, -57.9103, 40.4698



76.6140, -71.0148, -9.2290



76.6140, 70.5001, -69.9132



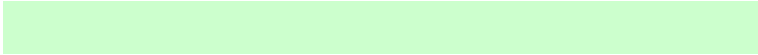
76.6140, 98.6275, 15.5158

Sweetspot

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



76.6140, -57.9114, 40.4702



94.2151, -29.0703, 21.2009



85.7437, -22.1899, 47.7184



43.2626, -14.8343, 10.7325

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.6140, -57.9114, 40.4702



85.1466, -69.7332, 48.7311



77.7934, -50.6834, 23.2228



40.1170, -7.0189, 5.4377



56.6107, -48.4956, 33.9296



15.3943, -13.1500, 9.1456

Inverse Universe

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



52.4773, 75.1227, -48.4562



55.3118, 96.3163, -62.0802



49.2024, 61.7649, -3.5924



38.2232, 3.0761, -1.3312



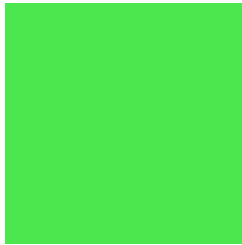
35.5248, 69.5516, -44.5971



9.6651, 18.9349, -12.2279

Previews

White Background



This preview shows how the HunterLab color 76.6124, -57.9103, 40.4698 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 76.6124, -57.9103, 40.4698 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 76.6124, -57.9103, 40.4698 Background



This preview shows how black text looks on a background with the HunterLab color 76.6124, -57.9103, 40.4698.



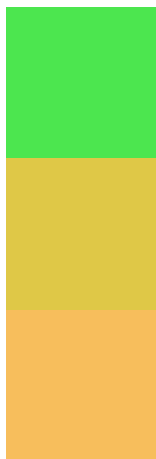
This preview shows how white text looks on a background with the HunterLab color 76.6124,

-57.9103, 40.4698.

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

76.6124, -57.9103, 40.4698

Protanopia

75.7967, -9.6600, 41.8735

Deuteranopia

75.7455, 5.7835, 38.8497



Tritanopia

76.2870, -25.3758, -13.3513

Trichromacy



Original Color

76.6124, -57.9103, 40.4698



Protanomaly

74.5848, -32.1422, 40.2461



Deuteranomaly

73.9358, -24.2246, 37.9041



Tritanomaly

75.5827, -40.4113, 13.2375

Monochromacy



Original Color

76.6124, -57.9103, 40.4698



Achromatopsia

62.1634, -3.3169, 3.3775



Achromatomaly

66.0640, -27.4802, 19.6559

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.6124, -57.9103, 40.4698 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(76, 230, 79)` looks like.

```
.text, #text, p{  
    color:rgb(76, 230, 79)  
}
```

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(76, 230, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 230, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 76.6124, -57.9103, 40.4698 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(76, 230, 79) }
```


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

```
.border{ border-color:rgb(76, 230, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 230, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 230, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 230, 79);  
box-shadow:4px 4px 4px 4px rgb(76, 230,  
79) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.6124, -57.9103, 40.4698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 230, 79) }
```

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

```
.background{ background-color: rgb(76, 230,  
79) }
```

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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