

Converting Colors

HunterLab(74.6945, -62.7801,
42.4695)

Have a look what the booklet for
HunterLab(74.6945, -62.7801,
42.4695) contains.

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Color

**HunterLab(74.6757,
-62.7585, 42.4294)**

Conversions

Conversions Part 1

Format	Color
Hex	06E433
RGB	6, 228, 51
RGB Percent	2%, 89%, 20%
CMY	0.9765, 0.1059, 0.8000
CMYK	0.97, 0.00, 0.78, 0.11
HSL	132°, 95%, 46%
HSV	132°, 97%, 89%
XYZ	28.4161, 55.7646, 12.3980
YIQ	141.4440, -75.4950, -102.1110

Conversions

Conversions Part 2

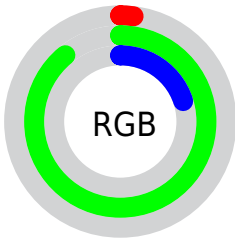
Format	Color
RYB	6, 191, 228
Decimal	451635
CIELab	79.48, -77.22, 67.68
CIELCh	79, 102.681, 138.766
Yxy	55.7669, 0.2942, 0.5774
Android (android.graphics.Color)	4278641715 (0xFF06E433)
YUV	141.4440, -44.5889, -118.7844
Hunter-Lab	74.6757, -62.7585, 42.4294

Details

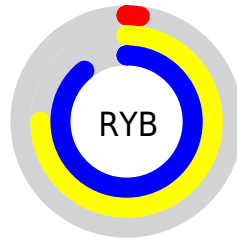
The HunterLab color **74.6757, -62.7585, 42.4294** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **44.7702, 83.5586, -30.2773**, and the grayscale version is **51.9829, -2.7737, 2.8243**.

A 20% lighter version of the original color is **87.2299, -60.0430, 42.6727**, and **53.9683, -46.2779, 32.4449** is the 20% darker color. If you saturate the color by 10%, you get **74.6245, -63.0384, 42.8076**, and if you desaturate by 10%, it is **74.9529, -61.3288, 40.6343**.

Distribution



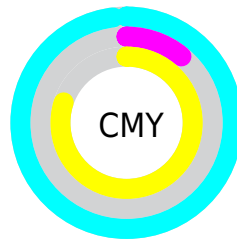
- Red (2%)
- Green (89%)
- Blue (20%)



- Red (2%)
- Yellow (75%)
- Blue (89%)



- Cyan (97%)
- Magenta (0%)
- Yellow (78%)
- Black (11%)



- Cyan (98%)
- Magenta (11%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.6757, -62.7585, 42.4294 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 74.6757, -62.7585, 42.4294 by changing the saturation by 10% instead.

■ 74.6757, -62.7585,
42.4294

■ 74.6757, -62.7585,
42.4294

202.1911,
-100.9041, 77.5782

■ 63.2583, -57.7019,
37.8226

■ 99.3296, -72.1963,
51.0892

■ 52.4891, -52.3521,
32.9965

■ 112.5071,
-76.6466, 55.1881

■ 42.4117, -46.6391,
27.9292

■ 126.2207,
-80.9529, 59.1592

■ 33.0772, -40.4643,
23.1052

■ 140.4502,
-85.1349, 63.0182

■ 24.5503, -33.6888,
17.1852

■ 155.1776,
-89.2088, 66.7789

■ 16.9163, -27.8645,
11.8414

170.3865,

■ 10.2953, -18.0167,

-93.1879, 70.4528

7.2067

186.0622,
-97.0832, 74.0497

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.6757, -62.7585,
42.4294

■ 74.6757, -62.7585,
42.4294

■ 74.6245, -63.0384,
42.8076

■ 74.9529, -61.3288,
40.6343


■ 75.4339, -58.9482,
38.3014


■ 76.1525, -55.4996,
35.4338


■ 77.1297, -50.9303,
32.0482


■ 78.3788, -45.2341,

28.1764

 79.9075, -38.4438,
23.8628

 81.7178, -30.6234,
19.1610

 83.8077, -21.8597,
14.1297

 86.1711, -12.2537,
8.8292

Harmonies

Analogous

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



74.6772, -32.1124, 48.9655



74.6757, -62.7585, 42.4294



74.6772, -76.0970, 19.5905

Triad

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



74.6772, -62.7595, 42.4297



74.6772, -21.5801, -149.5865



74.6772, 108.6822, 27.6516

Complementary

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



74.6757, -62.7585, 42.4294



44.7702, 83.5586, -30.2773

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.



74.6772, 113.6432, -15.7320



74.6757, -62.7585, 42.4294



74.6772, 29.0323, -141.7237

Square

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



74.6772, -62.7595, 42.4297



74.6772, -56.7792, -100.5709



74.6772, 81.5431, -83.1920



74.6772, 69.3607, 45.0587

Rectangle

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



74.6757, -62.7585, 42.4294



74.6772, -76.5007, -11.0307



74.6772, 81.5431, -83.1920



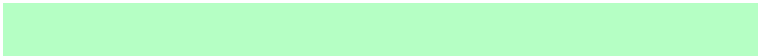
74.6772, 114.7439, 16.5470

Sweetspot

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



74.6772, -62.7595, 42.4297



92.3782, -36.4574, 22.7500



81.0208, -37.2480, 49.1464



42.3236, -18.6537, 11.5940

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



74.6772, -62.7595, 42.4297



84.7143, -71.6092, 48.6982



76.2334, -53.1225, 19.6752



40.1705, -6.7191, 4.6697



56.7174, -47.8262, 32.3512



15.4606, -12.7343, 8.1652

Inverse Universe

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



44.7702, 83.5586, -30.2773



50.5829, 95.1774, -33.6131



41.3530, 71.1591, 17.7887



38.1609, 2.7427, -0.4469



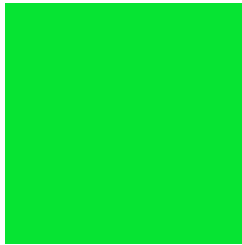
33.8919, 63.8310, -22.9829



9.2819, 17.5950, -7.1753

Previews

White Background



This preview shows how the HunterLab color 74.6757, -62.7585, 42.4294 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 74.6757, -62.7585, 42.4294 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

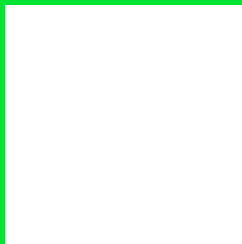
Any Text WCAG AAA ✓ Pass

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

HunterLab 74.6757, -62.7585, 42.4294 Background



This preview shows how black text looks on a background with the HunterLab color 74.6757, -62.7585, 42.4294.



This preview shows how white text looks on a background with the HunterLab color 74.6757, -62.7585, 42.4294.

-62.7585, 42.4294.

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

74.6757, -62.7585, 42.4294

Protanopia

73.6646, -9.7801, 43.3810

Deuteranopia

73.6171, 5.5391, 40.7928



Tritanopia

74.2831, -28.0075, -14.4702

Trichromacy



Original Color

74.6757, -62.7585, 42.4294



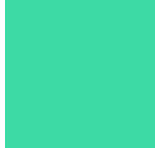
Protanomaly

71.1152, -39.2083, 40.9795



Deuteranomaly

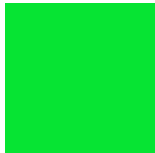
70.2141, -32.1467, 38.7319



Tritanomaly

73.4054, -46.1475, 15.6720

Monochromacy



Original Color

74.6757, -62.7585, 42.4294



Achromatopsia

51.6097, -2.7538, 2.8041



Achromatomaly

57.6586, -32.5967, 20.3695

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.6757, -62.7585, 42.4294 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(6, 228, 51)` looks like.

```
.text, #text, p{  
    color:rgb(6, 228, 51)  
}
```

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(6, 228, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 228, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 74.6757, -62.7585, 42.4294 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(6, 228, 51) }
```


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

```
.border{ border-color:rgb(6, 228, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 228, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 228, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 228, 51);  
box-shadow:4px 4px 4px 4px rgb(6, 228, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 74.6757, -62.7585, 42.4294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 228, 51) }
```

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

```
.background{ background-color: rgb(6, 228,  
51) }
```

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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