

Converting Colors

HunterLab(64.4869, -46.0708,
37.1554)

Have a look what the booklet for
HunterLab(64.4869, -46.0708,
37.1554) contains.

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Color

**HunterLab(64.6144,
-46.1499, 37.2459)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 59C427 |
| RGB | 89, 196, 39 |
| RGB Percent | 35%, 77%, 15% |
| CMY | 0.6510, 0.2314, 0.8470 |
| CMYK | 0.55, 0.00, 0.80, 0.23 |
| HSL | 101°, 67%, 46% |
| HSV | 101°, 80%, 77% |
| XYZ | 24.2260, 41.7502, 8.7012 |
| YIQ | 146.1090, -13.3750, -71.5110 |

Conversions

Conversions Part 2

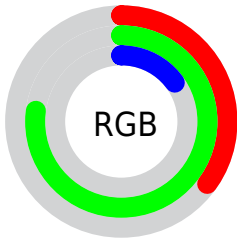
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 39, 196, 146 |
| Decimal | 5882919 |
| CIE _{Lab} | 70.70, -56.68, 63.33 |
| CIE _{LCh} | 71, 84.994, 131.828 |
| Yxy | 41.7520, 0.3244, 0.5591 |
| Android (android.graphics.Color) | 4284072999 (0xFF59C427) |
| YUV | 146.1090, -52.8047, -50.0846 |
| Hunter-Lab | 64.6144, -46.1499, 37.2459 |

Details

The HunterLab color **64.6144, -46.1499, 37.2459** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **33.9841, 58.9497, -69.1443**, and the grayscale version is **53.8681, -2.8743, 2.9268**.

A 20% lighter version of the original color is **88.4053, -53.6714, 45.7857**, and **43.6830, -37.2683, 26.2648** is the 20% darker color. If you saturate the color by 10%, you get **64.0717, -48.5673, 38.0433**, and if you desaturate by 10%, it is **65.2986, -43.0889, 35.7737**.

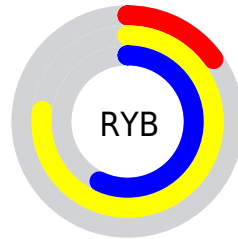
Distribution



Red (35%)

Green (77%)

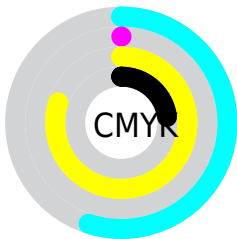
Blue (15%)



Red (15%)

Yellow (77%)

Blue (57%)

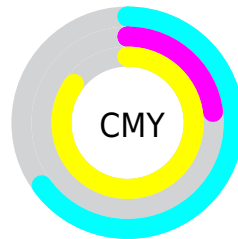


Cyan (55%)

Magenta (0%)

Yellow (80%)

Black (23%)



Cyan (65%)


Magenta (23%)


Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.6144, -46.1499, 37.2459 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 64.6144, -46.1499, 37.2459 by changing the saturation by 10% instead.


 64.6144, -46.1499,
37.2459

 64.6144, -46.1499,
37.2459


188.0037,
-76.0872, 71.2808


 53.7654, -42.2057,
32.7249


 88.2180, -53.5105,
45.6949


 43.6011, -38.0226,
27.9682


 100.9060,
-56.9868, 49.6750


 34.1730, -33.5326,
23.0915


 114.1500,
-60.3571, 53.5213

 25.5436, -28.6331,
17.8805

 127.9275,
-63.6375, 57.2518

 17.7953, -23.1738,
12.4567

 142.2186,
-66.8410, 60.8813

 11.0426, -19.3245,
7.7298

 157.0055,

 2.7830, -4.8702,

-69.9782, 64.4225

1.9481

172.2720,
-73.0578, 67.8859

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.6144, -46.1499,
37.2459

■ 64.6144, -46.1499,
37.2459

■ 64.0717, -48.5673,
38.0433

■ 65.2986, -43.0889,
35.7737

■ 63.6547, -50.3947,
38.3415


■ 66.1274, -39.3630,
33.5608


■ 67.1066, -34.9748,
30.5711


■ 68.2386, -29.9405,
26.7918

■ 69.5237, -24.2890,

22.2289

 70.9610, -18.0580,
16.9037

 72.5480, -11.2918,
10.8491

 74.2813, -4.0384,
4.1068

 76.1564, 3.6526,
-3.2760

Harmonies

Analogous

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



64.6158, -18.0799, 41.5926



64.6144, -46.1499, 37.2459



64.6158, -60.2684, 22.0053

Triad

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



64.6158, -46.1510, 37.2462



64.6158, -25.1628, -107.1877



64.6158, 87.2658, 16.4686

Complementary

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



64.6144, -46.1499, 37.2459



33.9841, 58.9497, -69.1443

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.



64.6158, 84.0808, -22.8406



64.6144, -46.1499, 37.2459



64.6158, 12.6071, -112.0733

Square

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



64.6158, -46.1510, 37.2462



64.6158, -50.2751, -64.2037



64.6158, 54.3810, -75.1391



64.6158, 62.2642, 35.2506

Rectangle

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



64.6144, -46.1499, 37.2459



64.6158, -62.5051, 1.2055



64.6158, 54.3810, -75.1391



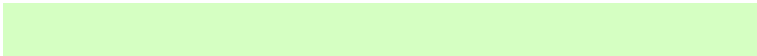
64.6158, 89.5919, 5.7465

Sweetspot

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



64.6158, -46.1510, 37.2462



94.6548, -27.9837, 25.9398



56.3294, 6.1731, 32.7970



43.4714, -14.3373, 13.1829

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.6158, -46.1510, 37.2462



85.8047, -67.2480, 51.4928



63.4797, -50.5293, 33.5358



33.7802, -5.0074, 4.8224



51.0641, -40.2248, 30.7613



10.7899, -7.6289, 6.5151

Inverse Universe

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



33.9841, 58.9497, -69.1443



40.9806, 86.4095, -110.1120



40.1048, 66.6002, -30.2258



31.7514, 1.6385, -1.4786



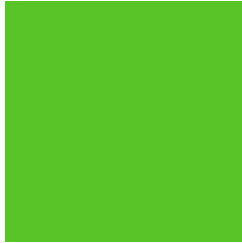
24.1733, 51.9910, -66.4989



5.3670, 11.2527, -12.5129

Previews

White Background



This preview shows how the HunterLab color 64.6144, -46.1499, 37.2459 looks on a white background.

Color Contrast Check

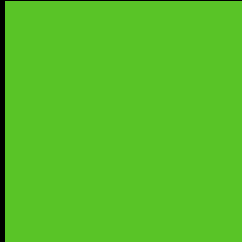
Large Text (above 18pt) WCAG AA × Fail

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 64.6144, -46.1499, 37.2459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

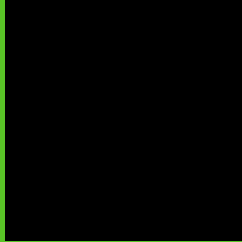
Any Text WCAG AA ✓ Pass

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 64.6144, -46.1499, 37.2459 Background



This preview shows how black text looks on a background with the HunterLab color 64.6144, -46.1499, 37.2459.



This preview shows how white text looks on a background with the HunterLab color 64.6144, -46.1499, 37.2459.

-46.1499, 37.2459.

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

64.6144, -46.1499, 37.2459

Protanopia

63.9940, -8.7305, 37.9469

Deuteranopia

63.9666, 4.7330, 36.1486



Tritanopia

64.5601, -18.0136, -9.0450

Trichromacy



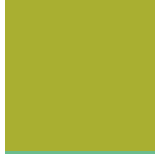
Original Color

64.6144, -46.1499, 37.2459



Protanomaly

63.3543, -25.3738, 37.1063



Deuteranomaly

62.7030, -17.9324, 35.5758



Tritanomaly

64.0201, -31.7904, 15.9145

Monochromacy



Original Color

64.6144, -46.1499, 37.2459



Achromatopsia

53.6135, -2.8607, 2.9129



Achromatomaly

56.5442, -21.9676, 19.8723

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.6144, -46.1499, 37.2459 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(89, 196, 39)` looks like.

```
.text, #text, p{  
    color:rgb(89, 196, 39)  
}
```

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(89, 196, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 196, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 64.6144, -46.1499, 37.2459 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(89, 196, 39) }
```


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

```
.border{ border-color:rgb(89, 196, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 196, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 196, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 196, 39);  
box-shadow:4px 4px 4px 4px rgb(89, 196,  
39) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.6144, -46.1499, 37.2459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 196, 39) }
```

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

```
.background{ background-color: rgb(89, 196,  
39) }
```

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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