

Converting Colors

HunterLab(63.2255, -46.5335,
28.7161)

Have a look what the booklet for
HunterLab(63.2255, -46.5335,
28.7161) contains.

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Color

**HunterLab(63.3786,
-46.7011, 28.7640)**

Conversions

Conversions Part 1

Format	Color
Hex	37C25C
RGB	55, 194, 92
RGB Percent	22%, 76%, 36%
CMY	0.7843, 0.2392, 0.6392
CMYK	0.72, 0.00, 0.53, 0.24
HSL	136°, 56%, 49%
HSV	136°, 72%, 76%
XYZ	22.7991, 40.1685, 16.6769
YIQ	140.8110, -50.1020, -61.1900

Conversions

Conversions Part 2

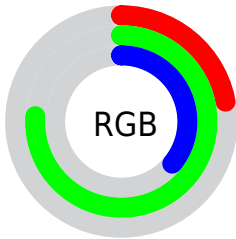
Format	Color
RYB	55, 165, 194
Decimal	3654236
CIELab	69.59, -58.25, 40.56
CIELCh	70, 70.982, 145.151
Yxy	40.1701, 0.2863, 0.5043
Android (android.graphics.Color)	4281844316 (0xFF37C25C)
YUV	140.8110, -24.0638, -75.2562
Hunter-Lab	63.3786, -46.7011, 28.7640

Details

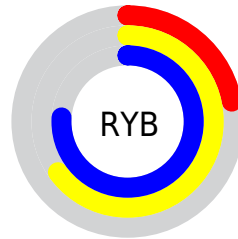
The HunterLab color **63.3786, -46.7011, 28.7640** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **40.7880, 58.6018, -20.2095**, and the grayscale version is **51.6427, -2.7555, 2.8058**.

A 20% lighter version of the original color is **86.9641, -54.5049, 34.6436**, and **43.1653, -35.6317, 22.9657** is the 20% darker color. If you saturate the color by 10%, you get **62.8488, -49.2828, 31.1061**, and if you desaturate by 10%, it is **64.1112, -43.2530, 26.0773**.

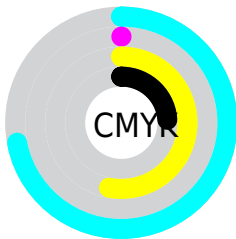
Distribution



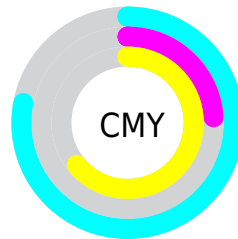
- Red (22%)
- Green (76%)
- Blue (36%)



- Red (22%)
- Yellow (65%)
- Blue (76%)



- Cyan (72%)
- Magenta (0%)
- Yellow (53%)
- Black (24%)





- Cyan (78%)
- Magenta (24%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.3786, -46.7011, 28.7640 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 63.3786, -46.7011, 28.7640 by changing the saturation by 10% instead.


 63.3786, -46.7011,
28.7640


 63.3786, -46.7011,
28.7640


186.2364,
-77.4324, 52.2755


 52.6034, -42.6296,
25.7254


 86.8461, -54.2815,
34.4714


 42.5182, -38.3041,
22.5222


 99.4710, -57.8553,
37.1836

 33.1752, -33.6510,
19.1124


 112.6544,
-61.3165, 39.8229

 24.6391, -28.5599,
15.4880

 126.3738,
-64.6823, 42.4013

 16.9947, -23.0258,
11.8963

 140.6089,
-67.9666, 44.9286

 10.3617, -18.1330,
7.2532

155.3416,

0.0000, NaN, NaN

-71.1804, 47.4126

0.0000, NaN, NaN

170.5557,
-74.3331, 49.8597

0.0000, NaN, NaN

■ 63.3786, -46.7011,
28.7640

■ 63.3786, -46.7011,
28.7640

■ 62.8488, -49.2828,
31.1061

■ 64.1112, -43.2530,
26.0773

■ 62.4995, -51.0491,
33.0830

■ 65.0553, -38.9202,
23.0728

■ 62.3136, -52.0318,
34.4353

■ 66.2196, -33.7192,
19.7863

■ 67.6074, -27.6909,
16.2583

■ 69.2183, -20.8960,
12.5321

■ 71.0489, -13.4082,
8.6513

■ 73.0934, -5.3082,
4.6576

■ 75.3443, 3.3210,
0.5891

■ 77.7925, 12.3994,
-3.5207

Harmonies

Analogous

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



63.3799, -27.6659, 37.0020



63.3786, -46.7011, 28.7640



63.3799, -54.1313, 8.2406

Triad

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



63.3799, -46.7019, 28.7644



63.3799, -8.5468, -88.0835



63.3799, 63.1503, 23.7632

Complementary

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



63.3786, -46.7011, 28.7640



40.7880, 58.6018, -20.2095

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.



63.3799, 71.0741, -1.7465



63.3786, -46.7011, 28.7640



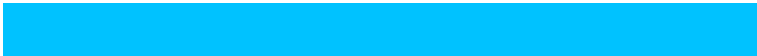
63.3799, 25.2096, -76.6424

Square

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



63.3799, -46.7019, 28.7644



63.3799, -35.0949, -66.6480



63.3799, 56.0169, -40.4105



63.3799, 36.1230, 35.2938

Rectangle

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



63.3786, -46.7011, 28.7640



63.3799, -52.8575, -14.0031



63.3799, 56.0169, -40.4105



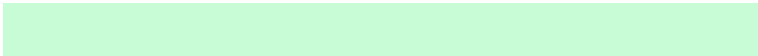
63.3799, 68.3394, 17.0229

Sweetspot

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



63.3799, -46.7019, 28.7644



93.2403, -27.8205, 16.7056



68.0131, -28.9227, 38.2520



43.3318, -14.2752, 8.4909

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.3799, -46.7019, 28.7644



84.2970, -67.8197, 43.4501



64.7374, -38.4352, 9.0718



33.6183, -5.4593, 3.6433



50.5374, -42.1159, 27.7488



10.5612, -8.4026, 4.9381

Inverse Universe

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



40.7880, 58.6018, -20.2095



50.9181, 88.7367, -26.9533



38.6474, 49.9132, 9.9337



31.9378, 2.1176, -0.0821



29.7423, 55.3231, -14.8005



6.2700, 11.8110, -4.2703

Previews

White Background



This preview shows how the HunterLab color 63.3786, -46.7011, 28.7640 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 63.3786, -46.7011, 28.7640 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 63.3786, -46.7011, 28.7640 Background



This preview shows how black text looks on a background with the HunterLab color 63.3786, -46.7011, 28.7640.



This preview shows how white text looks on a background with the HunterLab color 63.3786,

-46.7011, 28.7640.

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

63.3786, -46.7011, 28.7640

Protanopia

62.8133, -7.5125, 30.6567

Deuteranopia

62.7762, 4.6488, 27.1356



Tritanopia

63.3023, -22.7224, -10.8664

Trichromacy



Original Color

63.3786, -46.7011, 28.7640



Protanomaly

61.5891, -26.2769, 28.8107



Deuteranomaly

61.0352, -19.8772, 26.0368



Tritanomaly

62.9457, -33.3369, 7.3073

Monochromacy



Original Color

63.3786, -46.7011, 28.7640



Achromatopsia

51.6097, -2.7538, 2.8041



Achromatomaly

54.6687, -21.9556, 12.9793

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.3786, -46.7011, 28.7640 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(55, 194, 92)` looks like.

```
.text, #text, p{  
    color:rgb(55, 194, 92)  
}
```

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(55, 194, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 194, 92) }
```

Border

The CSS property to change the border of an element to HunterLab 63.3786, -46.7011, 28.7640 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(55, 194, 92) }
```


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

```
.border{ border-color:rgb(55, 194, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 194, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 194, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 194, 92);  
box-shadow:4px 4px 4px 4px rgb(55, 194,  
92) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.3786, -46.7011, 28.7640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 194, 92) }
```

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

```
.background{ background-color: rgb(55, 194,  
92) }
```

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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