

Converting Colors

HunterLab(57.5889, -28.9577,
18.2562)

Have a look what the booklet for
HunterLab(57.5889, -28.9577,
18.2562) contains.

HunterLab(57.6604, -28.9274, 18.3456)	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(57.6604,
-28.9274, 18.3456)**

Conversions

Conversions Part 1

Format	Color
Hex	67AB73
RGB	103, 171, 115
RGB Percent	40%, 67%, 45%
CMY	0.5961, 0.3294, 0.5490
CMYK	0.40, 0.00, 0.33, 0.33
HSL	131°, 29%, 54%
HSV	131°, 40%, 67%
XYZ	23.2510, 33.2472, 21.4115
YIQ	144.2840, -22.5520, -31.8320

Conversions

Conversions Part 2

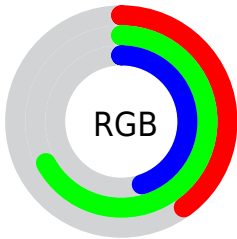
Format	Color
RYB	103, 161, 171
Decimal	6794099
CIELab	64.36, -33.68, 22.25
CIElCh	64, 40.362, 146.547
Yxy	33.2486, 0.2984, 0.4267
Android (android.graphics.Color)	4284984179 (0xFF67AB73)
YUV	144.2840, -14.4370, -36.2061
Hunter-Lab	57.6604, -28.9274, 18.3456

Details

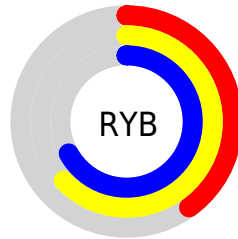
The HunterLab color $57.6604, -28.9274, 18.3456$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $45.6753, 29.1174, -13.9251$, and the grayscale version is $52.9880, -2.8273, 2.8789$.

A 20% lighter version of the original color is $80.5582, -33.8463, 22.1399$, and $37.4887, -23.5758, 14.5359$ is the 20% darker color. If you saturate the color by 10%, you get $56.6029, -33.6593, 21.4145$, and if you desaturate by 10%, it is $58.9192, -23.4567, 14.9659$.

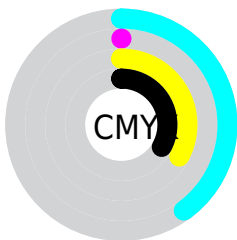
Distribution



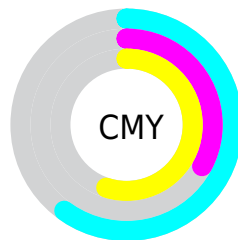
- Red (40%)
- Green (67%)
- Blue (45%)



- Red (40%)
- Yellow (63%)
- Blue (67%)



- Cyan (40%)
- Magenta (0%)
- Yellow (33%)
- Black (33%)



- Cyan (60%)
- Magenta (33%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.6604, -28.9274, 18.3456 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 57.6604, -28.9274, 18.3456 by changing the saturation by 10% instead.

■ 57.6604, -28.9274,
18.3456

■ 57.6604, -28.9274,
18.3456

177.9799,
-49.1736, 33.8706

■ 47.2408, -26.3668,
16.4622

■ 80.4758, -33.7666,
21.9548

■ 37.5366, -23.6708,
14.4994

■ 92.7984, -36.0822,
23.7052

■ 28.6064, -20.7925,
12.4266

■ 105.6928,
-38.3466, 25.4311

■ 20.5242, -17.6556,
10.1959

■ 119.1346,
-40.5693, 27.1389

■ 13.3907, -14.2479,
8.5960

133.1024,
-42.7579, 28.8333

■ 6.9489, -12.1605,
4.8642

147.5771,

0.0000, NaN, NaN

-44.9183, 30.5180

0.0000, NaN, NaN

162.5414,
-47.0555, 32.1963

0.0000, NaN, NaN

■ 57.6604, -28.9274,
18.3456

■ 57.6604, -28.9274,
18.3456

■ 56.6029, -33.6593,
21.4145

■ 58.9192, -23.4567,
14.9659

■ 55.7409, -37.6079,
24.1352

■ 60.3745, -17.3025,
11.3146

■ 55.0700, -40.7552,
26.4800

■ 62.0239, -10.5351,
7.4353

■ 54.5801, -43.1095,
28.4310

■ 63.8618, -3.2290,
3.3706

■ 54.2561, -44.7122,
29.9818

■ 65.8808, 4.5404,
-0.8391

■ 54.0611, -45.7089,
31.1274

■ 68.0727, 12.7007,
-5.1573

■ 54.0572, -45.7290,
31.1490

■ 70.4284, 21.1849,
-9.5519

■ 72.9389, 29.9332,
-13.9958

■ 75.3542, 38.1925,
-18.8368

Harmonies

Analogous

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



57.6616, -17.5817, 25.3153



57.6604, -28.9274, 18.3456



57.6616, -33.3991, 5.0639

Triad

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



57.6616, -28.9283, 18.3461



57.6616, -5.1251, -39.6914



57.6616, 30.8123, 15.8672

Complementary

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



57.6604, -28.9274, 18.3456



45.6753, 29.1174, -13.9251

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.



57.6616, 35.1804, 1.1447



57.6604, -28.9274, 18.3456



57.6616, 13.0142, -34.2056

Square

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



57.6616, -28.9283, 18.3461



57.6616, -20.7465, -31.1351



57.6616, 28.3167, -17.8284



57.6616, 17.0088, 24.2185

Rectangle

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



57.6604, -28.9274, 18.3456



57.6616, -32.3361, -6.9163



57.6616, 28.3167, -17.8284



57.6616, 33.4999, 11.6563

Sweetspot

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



57.6616, -28.9283, 18.3461



82.4391, -16.3837, 11.2448



61.2748, -15.6339, 25.0669



38.7969, -8.2817, 5.6206



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



57.6616, -28.9283, 18.3461



75.8669, -44.5058, 28.2994



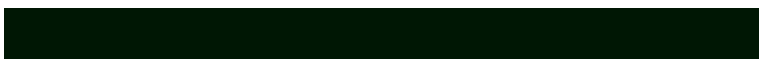
58.4462, -24.3124, 7.0255



29.9359, -4.9241, 3.4971



46.9400, -39.6649, 26.9543



7.8720, -6.3477, 3.8636

Inverse Universe

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



45.6753, 29.1174, -13.9251



56.7139, 48.7931, -23.3030



44.5610, 23.7249, 1.7596



28.5017, 1.9498, -0.3552



28.2480, 53.5181, -21.6107



4.7775, 9.1586, -4.4862

Previews

White Background



This preview shows how the HunterLab color 57.6604, -28.9274, 18.3456 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 57.6604, -28.9274, 18.3456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

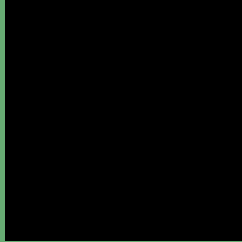
Any Text WCAG AA ✓ Pass

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 57.6604, -28.9274, 18.3456 Background



This preview shows how black text looks on a background with the HunterLab color 57.6604, -28.9274, 18.3456.



This preview shows how white text looks on a background with the HunterLab color 57.6604,

-28.9274, 18.3456.

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

57.6604, -28.9274, 18.3456

Protanopia

57.3151, -5.0750, 20.5523

Deuteranopia

57.2678, 3.9773, 16.9611



Tritanopia

57.4822, -13.2223, -7.1774

Trichromacy



Original Color

57.6604, -28.9274, 18.3456

Protanomaly

57.0673, -15.0528, 19.2764

Deuteranomaly

56.7400, -9.7497, 16.8824

Tritanomaly

57.4326, -19.6232, 3.4856

Monochromacy



Original Color

57.6604, -28.9274, 18.3456

Achromatopsia

52.8104, -2.8178, 2.8693

Achromatomaly

54.2879, -13.3211, 8.9838

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.6604, -28.9274, 18.3456 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(103, 171, 115)` looks like.

```
.text, #text, p{  
    color:rgb(103, 171, 115)  
}
```

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(103, 171, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 171, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 57.6604, -28.9274, 18.3456 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(103, 171, 115) }
```


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

```
.border{ border-color:rgb(103, 171, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 171, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 171, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 171, 115);  
box-shadow:4px 4px 4px 4px rgb(103, 171,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.6604, -28.9274, 18.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 171, 115) }
```

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

```
.background{ background-color: rgb(103,  
171, 115) }
```

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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