

Converting Colors

HunterLab(59.1992, -50.1420,
27.0855)

Have a look what the booklet for
HunterLab(59.1992, -50.1420,
27.0855) contains.

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Color

**HunterLab(59.8111,
-47.3732, 27.5065)**

Conversions

Conversions Part 1

Format	Color
Hex	00BA55
RGB	0, 186, 85
RGB Percent	0%, 73%, 33%
CMY	1.0000, 0.2706, 0.6667
CMYK	1.00, 0.00, 0.54, 0.27
HSL	147°, 100%, 36%
HSV	147°, 100%, 73%
XYZ	19.1986, 35.7737, 14.4875
YIQ	118.8720, -78.4350, -70.8430

Conversions

Conversions Part 2

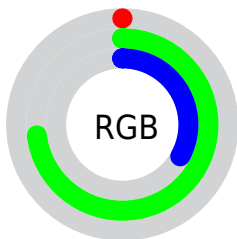
Format	Color
RYB	0, 128, 186
Decimal	47701
CIELab	66.35, -61.57, 39.87
CIElCh	66, 73.357, 147.074
Yxy	35.7751, 0.2764, 0.5150
Android (android.graphics.Color)	4278237781 (0xFF00BA55)
YUV	118.8720, -16.6989, -104.2507
Hunter-Lab	59.8111, -47.3732, 27.5065

Details

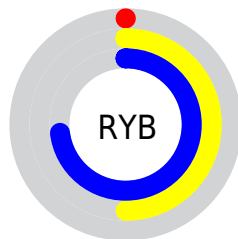
The HunterLab color **59.8111, -47.3732, 27.5065** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **33.7334, 60.5539, 0.2034**, and the grayscale version is **42.9871, -2.2937, 2.3356**.

A 20% lighter version of the original color is **82.7337, -55.2561, 33.0522**, and **40.4400, -33.6061, 21.9993** is the 20% darker color. If you saturate the color by 10%, you get **59.8122, -47.3744, 27.5076**, and if you desaturate by 10%, it is **60.0681, -46.0112, 25.4976**.

Distribution



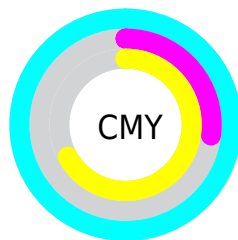
- Red (0%)
- Green (73%)
- Blue (33%)



- Red (0%)
- Yellow (50%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (54%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.8111, -47.3732, 27.5065 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 59.8111, -47.3732, 27.5065 by changing the saturation by 10% instead.

■ 59.8111, -47.3732,
27.5065

■ 59.8111, -47.3732,
27.5065

181.1012,
-79.9163, 50.8891

■ 49.2550, -43.0006,
24.4653

■ 82.8763, -55.4669,
33.2014

■ 39.4044, -38.3324,
21.2504

■ 95.3146, -59.2648,
35.9017

■ 30.3152, -33.2802,
17.8165

■ 108.3196,
-62.9337, 38.5267

■ 22.0576, -27.7109,
14.3966

■ 121.8675,
-66.4933, 41.0891

■ 14.7258, -23.1394,
10.3081

■ 135.9374,
-69.9596, 43.5990

■ 8.3829, -14.6701,
5.8681

■ 150.5106,

0.0000, NaN, NaN

-73.3455, 46.0646

0.0000, NaN, NaN

165.5703,
-76.6614, 48.4928

0.0000, NaN, NaN

■ 59.8111, -47.3732,
27.5065

■ 59.8111, -47.3732,
27.5065

■ 59.8122, -47.3744,
27.5076

■ 60.0681, -46.0112,
25.4976

■ 60.4487, -44.0979,
23.3138

■ 60.9912, -41.4941,
20.9994

■ 61.7109, -38.1605,
18.5865

■ 62.6181, -34.0875,
16.1079

■ 63.7192, -29.2897,
13.5964

■ 65.0169, -23.8016,
11.0832

■ 66.5109, -17.6726,
8.5975

■ 68.1985, -10.9624,
6.1647

Harmonies

Analogous

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



59.8123, -29.2216, 35.7904



59.8111, -47.3732, 27.5065



59.8123, -53.9525, 6.2308

Triad

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



59.8123, -47.3739, 27.5068



59.8123, -6.3723, -92.6652



59.8123, 63.7693, 24.5927

Complementary

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



59.8111, -47.3732, 27.5065



33.7334, 60.5539, 0.2034

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.



59.8123, 73.5015, 0.1195



59.8111, -47.3732, 27.5065



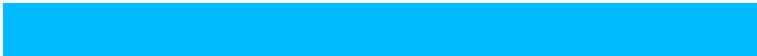
59.8123, 28.2197, -78.3140

Square

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



59.8123, -47.3739, 27.5068



59.8123, -33.6953, -71.9185



59.8123, 59.3072, -39.2680



59.8123, 34.9895, 34.8556

Rectangle

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



59.8111, -47.3732, 27.5065



59.8123, -52.2388, -17.1177



59.8123, 59.3072, -39.2680



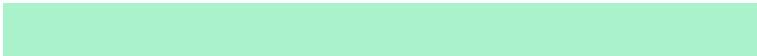
59.8123, 69.6136, 18.2976

Sweetspot

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



59.8123, -47.3739, 27.5068



87.4377, -32.4347, 15.0900



61.6132, -40.9759, 37.2482



40.6721, -16.7328, 7.7534



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



59.8123, -47.3739, 27.5068



80.4949, -63.9633, 37.4668



61.8722, -34.8077, -2.1946



31.8222, -4.8888, 2.7970



49.0736, -38.7634, 22.3412



9.2816, -6.8592, 3.2059

Inverse Universe

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



33.7334, 60.5539, 0.2034



45.3598, 81.3254, 1.0520



32.3420, 55.4485, 20.4098



30.1523, 1.7152, 0.6236



27.6958, 49.7675, -0.2246



5.3173, 9.7671, -1.6889

Previews

White Background



This preview shows how the HunterLab color 59.8111, -47.3732, 27.5065 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 59.8111, -47.3732, 27.5065 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 59.8111, -47.3732, 27.5065 Background



This preview shows how black text looks on a background with the HunterLab color 59.8111, -47.3732, 27.5065.



This preview shows how white text looks on a background with the HunterLab color 59.8111, -47.3732, 27.5065.

-47.3732, 27.5065.

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

59.8111, -47.3732, 27.5065

Protanopia

59.1815, -6.9250, 29.3121

Deuteranopia

59.3235, 4.2565, 26.0456



Tritanopia

59.7593, -23.3695, -11.3517

Trichromacy



Original Color

59.8111, -47.3732, 27.5065



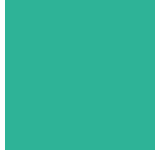
Protanomaly

56.9788, -29.3954, 26.6982



Deuteranomaly

56.5249, -24.2165, 24.0248



Tritanomaly

59.2076, -34.7769, 6.5557

Monochromacy



Original Color

59.8111, -47.3732, 27.5065



Achromatopsia

42.9506, -2.2917, 2.3336



Achromatomaly

47.1624, -24.0335, 11.1538

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.8111, -47.3732, 27.5065 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(0, 186, 85)` looks like.

```
.text, #text, p{  
    color:rgb(0, 186, 85)  
}
```

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(0, 186, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 186, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 59.8111, -47.3732, 27.5065 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(0, 186, 85) }
```


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

```
.border{ border-color:rgb(0, 186, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 186, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 186, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 186, 85);  
box-shadow:4px 4px 4px 4px rgb(0, 186, 85)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 59.8111, -47.3732, 27.5065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 186, 85) }
```

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

```
.background{ background-color: rgb(0, 186,  
85) }
```

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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