

Converting Colors

HunterLab(60.1965, -47.7208,
28.9695)

Have a look what the booklet for
HunterLab(60.1965, -47.7208,
28.9695) contains.

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Color

**HunterLab(60.1945,
-47.7197, 28.9702)**

Conversions

Conversions Part 1

Format	Color
Hex	12BB4F
RGB	18, 187, 79
RGB Percent	7%, 73%, 31%
CMY	0.9294, 0.2667, 0.6902
CMYK	0.90, 0.00, 0.58, 0.27
HSL	142°, 82%, 40%
HSV	142°, 90%, 73%
XYZ	19.4311, 36.2338, 13.3668
YIQ	124.1570, -66.0560, -69.4160

Conversions

Conversions Part 2

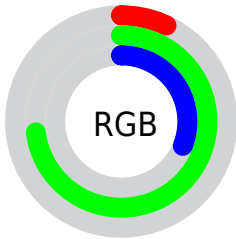
Format	Color
RYB	18, 142, 187
Decimal	1227599
CIELab	66.70, -61.91, 43.18
CIELCh	67, 75.483, 145.104
Yxy	36.2353, 0.2815, 0.5249
Android (android.graphics.Color)	4279417679 (0xFF12BB4F)
YUV	124.1570, -22.2624, -93.0997
Hunter-Lab	60.1945, -47.7197, 28.9702

Details

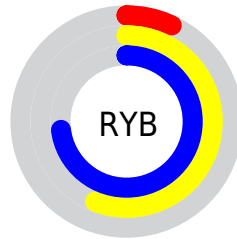
The HunterLab color **60.1945, -47.7197, 28.9702** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **35.3617, 61.6728, -10.2289**, and the grayscale version is **45.0605, -2.4043, 2.4482**.

A 20% lighter version of the original color is **83.1305, -55.6937, 34.9349**, and **40.7206, -34.2241, 22.9829** is the 20% darker color. If you saturate the color by 10%, you get **59.9611, -48.9682, 30.7621**, and if you desaturate by 10%, it is **60.5677, -45.8436, 26.8405**.

Distribution



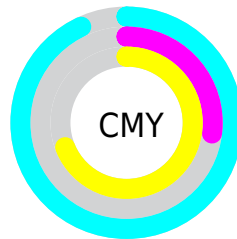
- Red (7%)
- Green (73%)
- Blue (31%)



- Red (7%)
- Yellow (56%)
- Blue (73%)



- Cyan (90%)
- Magenta (0%)
- Yellow (58%)
- Black (27%)



- Cyan (93%)
- Magenta (27%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.1945, -47.7197, 28.9702 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 60.1945, -47.7197, 28.9702 by changing the saturation by 10% instead.

■ 60.1945, -47.7197,
28.9702

■ 60.1945, -47.7197,
28.9702

181.6556,
-80.3805, 53.8686

■ 49.6145, -43.3334,
25.7096

■ 83.3037, -55.8411,
35.0649

■ 39.7381, -38.6520,
22.2606

■ 95.7623, -59.6527,
37.9483

■ 30.6211, -33.5878,
18.5786

■ 108.7868,
-63.3349, 40.7470

■ 22.3328, -28.0090,
15.1040

■ 122.3534,
-66.9077, 43.4747

■ 14.9665, -23.2596,
10.4766

■ 136.4413,
-70.3868, 46.1424

■ 8.6119, -15.0709,
6.0283

151.0318,

0.0000, NaN, NaN

-73.7853, 48.7592

0.0000, NaN, NaN

166.1084,
-77.1136, 51.3326

0.0000, NaN, NaN

■ 60.1945, -47.7197,
28.9702

■ 60.1945, -47.7197,
28.9702

■ 59.9611, -48.9682,
30.7621

■ 60.5677, -45.8436,
26.8405

■ 61.1090, -43.2270,
24.4728

■ 61.8357, -39.8288,
21.8957

■ 62.7585, -35.6392,
19.1413

■ 63.8839, -30.6750,
16.2449

■ 65.2143, -24.9745,
13.2425

■ 66.7495, -18.5925,
10.1699

■ 68.4862, -11.5944,
7.0609

■ 70.4193, -4.0515,
3.9457

Harmonies

Analogous

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



60.1957, -28.3413, 36.6534



60.1945, -47.7197, 28.9702



60.1957, -55.1772, 8.3099

Triad

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



60.1957, -47.7204, 28.9705



60.1957, -8.6532, -96.3510



60.1957, 67.5199, 24.0198

Complementary

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



60.1945, -47.7197, 28.9702



35.3617, 61.6728, -10.2289

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.



60.1957, 76.0232, -2.2327



60.1945, -47.7197, 28.9702



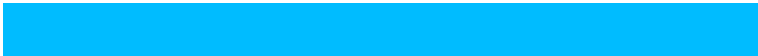
60.1957, 26.8566, -83.6824

Square

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



60.1957, -47.7204, 28.9705



60.1957, -36.0165, -72.5022



60.1957, 59.7738, -43.8037



60.1957, 38.5790, 35.0981

Rectangle

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



60.1945, -47.7197, 28.9702



60.1957, -53.9190, -15.1249



60.1957, 59.7738, -43.8037



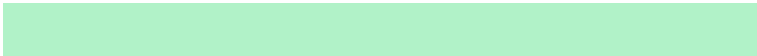
60.1957, 73.0996, 17.2416

Sweetspot

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



60.1957, -47.7204, 28.9705



87.8482, -31.0061, 16.5225



63.3748, -35.5332, 37.8936



40.9109, -15.8705, 8.4103



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.



60.1957, -47.7204, 28.9705



80.2175, -65.6922, 41.5457



61.8604, -37.5272, 4.8535



32.7185, -5.1712, 3.2136



49.7834, -40.5663, 25.3460



9.9170, -7.6303, 4.0762

Inverse Universe

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



35.3617, 61.6728, -10.2289



46.1322, 84.1189, -9.8501



33.4291, 54.4507, 17.4377



31.0423, 1.9122, 0.2815



28.6697, 52.3774, -6.8973



5.7799, 10.7449, -2.8283

Previews

White Background



This preview shows how the HunterLab color 60.1945, -47.7197, 28.9702 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 60.1945, -47.7197, 28.9702 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 60.1945, -47.7197, 28.9702 Background



This preview shows how black text looks on a background with the HunterLab color 60.1945, -47.7197, 28.9702.



This preview shows how white text looks on a background with the HunterLab color 60.1945,

-47.7197, 28.9702.

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

60.1945, -47.7197, 28.9702

Protanopia

59.6057, -7.0649, 30.6754

Deuteranopia

59.4621, 4.5466, 27.5140



Tritanopia

60.2198, -23.2149, -11.2623

Trichromacy



Original Color

60.1945, -47.7197, 28.9702



Protanomaly

57.6515, -28.5740, 28.3616



Deuteranomaly

56.9839, -22.6303, 25.7749



Tritanomaly

59.6899, -34.6372, 7.5134

Monochromacy



Original Color

60.1945, -47.7197, 28.9702



Achromatopsia

44.8950, -2.3955, 2.4392



Achromatomaly

48.8686, -23.8386, 12.4824

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.1945, -47.7197, 28.9702 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(18, 187, 79)` looks like.

```
.text, #text, p{  
    color:rgb(18, 187, 79)  
}
```

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(18, 187, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 187, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 60.1945, -47.7197, 28.9702 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(18, 187, 79) }
```


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

```
.border{ border-color:rgb(18, 187, 79) }
```

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

Here you see how a box with a 4 pixel rgb(18, 187, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 187, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 187, 79);  
box-shadow:4px 4px 4px 4px rgb(18, 187,  
79) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.1945, -47.7197, 28.9702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 187, 79) }
```

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

```
.background{ background-color: rgb(18, 187,  
79) }
```

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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