

Converting Colors

HunterLab(60.1890, -37.5231,
18.8633)

Have a look what the booklet for
HunterLab(60.1890, -37.5231,
18.8633) contains.

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Color

**HunterLab(60.1901,
-37.5217, 18.9284)**

Conversions

Conversions Part 1

Format	Color
Hex	49B678
RGB	73, 182, 120
RGB Percent	29%, 71%, 47%
CMY	0.7137, 0.2863, 0.5294
CMYK	0.60, 0.00, 0.34, 0.29
HSL	146°, 43%, 50%
HSV	146°, 60%, 71%
XYZ	22.8658, 36.2285, 23.5569
YIQ	142.3410, -45.0620, -42.3900

Conversions

Conversions Part 2

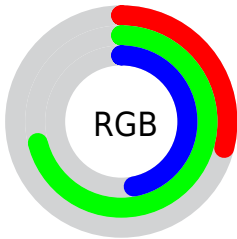
Format	Color
RYB	73, 149, 182
Decimal	4830840
CIELab	66.70, -45.47, 22.51
CIELCh	67, 50.738, 153.661
Yxy	36.2300, 0.2767, 0.4383
Android (android.graphics.Color)	4283020920 (0xFF49B678)
YUV	142.3410, -11.0141, -60.8121
Hunter-Lab	60.1901, -37.5217, 18.9284

Details

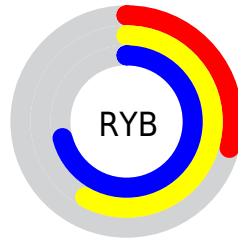
The HunterLab color **60.1901, -37.5217, 18.9284** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **40.5713, 43.6042, -7.7362**, and the grayscale version is **52.2027, -2.7854, 2.8363**.

A 20% lighter version of the original color is **83.4119, -43.7451, 22.5302**, and **39.8664, -30.1115, 15.1727** is the 20% darker color. If you saturate the color by 10%, you get **59.4828, -40.8104, 21.3342**, and if you desaturate by 10%, it is **61.0844, -33.5035, 16.4333**.

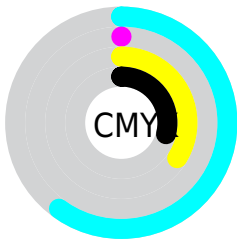
Distribution



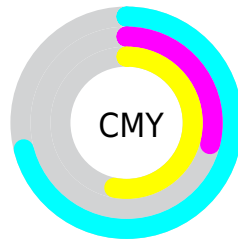
- Red (29%)
- Green (71%)
- Blue (47%)



- Red (29%)
- Yellow (58%)
- Blue (71%)



- Cyan (60%)
- Magenta (0%)
- Yellow (34%)
- Black (29%)



- Cyan (71%)
- Magenta (29%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.1901, -37.5217, 18.9284 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 60.1901, -37.5217, 18.9284 by changing the saturation by 10% instead.

■ 60.1901, -37.5217,
18.9284

■ 60.1901, -37.5217,
18.9284

181.6493,
-62.7986, 34.5255

■ 49.6103, -34.2316,
17.0434

■ 83.2988, -43.6798,
22.5479

■ 39.7342, -30.7462,
15.0831

■ 95.7572, -46.5995,
24.3055

■ 30.6175, -27.0036,
13.0193

■ 108.7814,
-49.4380, 26.0396

■ 22.3297, -22.9070,
10.8085

■ 122.3478,
-52.2088, 27.7560

■ 14.9637, -18.4719,
8.7368

■ 136.4355,
-54.9224, 29.4595

■ 8.6093, -15.0663,
6.0265

151.0259,

0.0000, NaN, NaN

-57.5874, 31.1537

0.0000, NaN, NaN

166.1022,
-60.2108, 32.8415

0.0000, NaN, NaN

■ 60.1901, -37.5217,
18.9284

■ 60.1901, -37.5217,
18.9284

■ 59.4828, -40.8104,
21.3342

■ 61.0844, -33.5035,
16.4333

■ 58.9490, -43.3758,
23.6171

■ 62.1679, -28.7691,
13.8800

■ 58.5748, -45.2563,
25.7472

■ 63.4445, -23.3543,
11.3006

■ 58.3242, -46.5883,
27.6829

■ 64.9139, -17.3087,
8.7251

■ 58.3217, -46.6018,
27.7029

■ 66.5731, -10.6917,
6.1802

■ 68.4175, -3.5682,
3.6889

■ 70.4408, 3.9957,
1.2700

■ 72.6358, 11.9354,
-1.0620

■ 74.9943, 20.1906,
-3.2965

Harmonies

Analogous

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



60.1913, -25.5289, 28.5872



60.1901, -37.5217, 18.9284



60.1913, -40.8449, 0.5672

Triad

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



60.1913, -37.5224, 18.9289



60.1913, -0.4053, -54.5648



60.1913, 37.5520, 22.0324

Complementary

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



60.1901, -37.5217, 18.9284



40.5713, 43.6042, -7.7362

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.



60.1913, 46.7792, 5.8652



60.1901, -37.5217, 18.9284



60.1913, 22.9131, -42.4884

Square

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



60.1913, -37.5224, 18.9289



60.1913, -21.3671, -47.0167



60.1913, 41.0634, -18.1883



60.1913, 17.3813, 29.8572

Rectangle

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



60.1901, -37.5217, 18.9284



60.1913, -38.1761, -15.8623



60.1913, 41.0634, -18.1883



60.1913, 42.1616, 17.6600

Sweetspot

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



60.1913, -37.5224, 18.9289



87.7402, -21.9422, 11.2012



62.6273, -29.2789, 32.1102



40.9466, -11.4806, 5.7361



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



60.1913, -37.5224, 18.9289



79.8259, -56.2052, 29.7689



61.5531, -29.3862, -0.6282



31.8162, -4.9226, 2.8837



49.0227, -39.0797, 23.0876



9.2718, -6.9195, 3.3484

Inverse Universe

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



40.5713, 43.6042, -7.7362



49.6359, 69.9494, -9.8758



39.1426, 37.3036, 12.6551



30.1588, 1.7500, 0.5313



27.8131, 50.1926, -1.8870



5.3372, 9.8386, -1.9652

Previews

White Background



This preview shows how the HunterLab color 60.1901, -37.5217, 18.9284 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 60.1901, -37.5217, 18.9284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

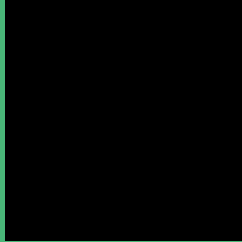
Any Text WCAG AA ✓ Pass

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 60.1901, -37.5217, 18.9284 Background



This preview shows how black text looks on a background with the HunterLab color 60.1901, -37.5217, 18.9284.



This preview shows how white text looks on a background with the HunterLab color 60.1901,

-37.5217, 18.9284.

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

60.1901, -37.5217, 18.9284

Protanopia

59.6960, -5.5847, 21.7500

Deuteranopia

59.6996, 3.8412, 17.2506



Tritanopia

60.2351, -19.9791, -10.0637

Trichromacy



Original Color

60.1901, -37.5217, 18.9284



Protanomaly

59.0840, -20.1900, 20.0787



Deuteranomaly

58.7167, -14.7538, 16.6677



Tritanomaly

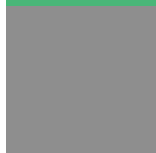
60.0559, -27.3122, 2.3195

Monochromacy



Original Color

60.1901, -37.5217, 18.9284



Achromatopsia

52.0094, -2.7751, 2.8258



Achromatomaly

54.4216, -17.5155, 8.6558

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.1901, -37.5217, 18.9284 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(73, 182, 120)` looks like.

```
.text, #text, p{  
    color:rgb(73, 182, 120)  
}
```

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(73, 182, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 182, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 60.1901, -37.5217, 18.9284 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(73, 182, 120) }
```


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

```
.border{ border-color:rgb(73, 182, 120) }
```

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

Here you see how a box with a 4 pixel rgb(73, 182, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 182, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 182, 120);  
box-shadow:4px 4px 4px 4px rgb(73, 182,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 60.1901, -37.5217, 18.9284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 182, 120) }
```

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

```
.background{ background-color: rgb(73, 182,  
120) }
```

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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