

Converting Colors

HunterLab(47.8877, -12.1870,
-33.1702)

Have a look what the booklet for
HunterLab(47.8877, -12.1870,
-33.1702) contains.

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Color

**HunterLab(47.8877,
-12.1870, -33.1702)**

Conversions

Conversions Part 1

Format	Color
Hex	058DC1
RGB	5, 141, 193
RGB Percent	2%, 55%, 76%
CMY	0.9802, 0.4471, 0.2431
CMYK	0.97, 0.27, 0.00, 0.24
HSL	197°, 95%, 39%
HSV	197°, 97%, 76%
XYZ	19.2132, 22.9323, 53.8659
YIQ	106.2640, -97.7480, -12.6600

Conversions

Conversions Part 2

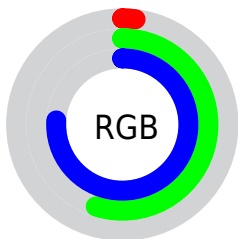
Format	Color
RYB	5, 84, 193
Decimal	363969
CIELab	55.00, -12.60, -35.76
CIELCh	55, 37.915, 250.587
Yxy	22.9331, 0.2001, 0.2389
Android (android.graphics.Color)	4278554049 (0xFF058DC1)
YUV	106.2640, 42.7608, -88.8085
Hunter-Lab	47.8877, -12.1870, -33.1702

Details

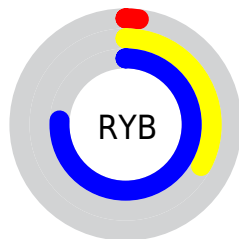
The HunterLab color **47.8877, -12.1870, -33.1702** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **37.7877, 44.8111, 23.8418**, and the grayscale version is **37.9392, -2.0243, 2.0613**.

A 20% lighter version of the original color is **69.6628, -14.7848, -34.3086**, and **30.5716, -4.4474, -28.6112** is the 20% darker color. If you saturate the color by 10%, you get **47.4254, -11.6837, -34.0558**, and if you desaturate by 10%, it is **49.7110, -13.9504, -29.7871**.

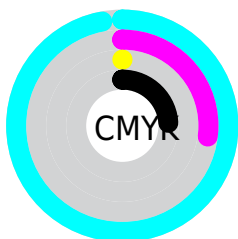
Distribution



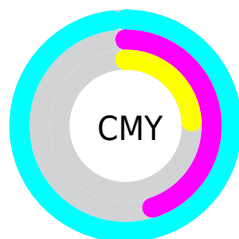
- Red (2%)
- Green (55%)
- Blue (76%)



- Red (2%)
- Yellow (33%)
- Blue (76%)



- Cyan (97%)
- Magenta (27%)
- Yellow (0%)
- Black (24%)



- Cyan (98%)
- Magenta (45%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.8877, -12.1870, -33.1702 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 47.8877, -12.1870, -33.1702 by changing the saturation by 10% instead.

■ 47.8877, -12.1870,
-33.1702

■ 47.8877, -12.1870,
-33.1702

163.5179,
-23.5739, -37.3760

■ 38.1367, -10.9009,
-32.5410

■ 69.4863, -14.7124,
-34.4098

■ 29.1549, -9.5851,
-31.9772

■ 81.2487, -15.9666,
-34.9788

■ 21.0156, -8.2184,
-31.6134

■ 93.6089, -17.2209,
-35.5019

■ 13.8174, -6.7642,
-31.7965

■ 106.5391,
-18.4782, -35.9760

■ 7.4425, -7.7758,
-35.2136

■ 120.0153,
-19.7407, -36.4000

0.0000, NaN, -NF

■ 134.0162,

0.0000, NaN, -NF

-21.0100, -36.7741

0.0000, NaN, NaN

148.5227,
-22.2874, -37.0990

0.0000, NaN, NaN

■ 47.8877, -12.1870,
-33.1702

■ 47.8877, -12.1870,
-33.1702

■ 47.4254, -11.6837,
-34.0558

■ 49.7110, -13.9504,
-29.7871

■ 51.7019, -15.1255,
-26.2638

■ 53.8757, -15.6528,
-22.5990

■ 56.2339, -15.5288,
-18.8152

■ 58.7730, -14.7744,
-14.9394

■ 61.4864, -13.4255,
-10.9977

■ 64.3658, -11.5265,
-7.0138

■ 67.4020, -9.1252,
-3.0075

■ 70.5855, -6.2699,
1.0058

Harmonies

Analogous

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



47.8885, -23.3994, -20.1005



47.8877, -12.1870, -33.1702



47.8885, 3.1175, -35.0975

Triad

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



47.8885, -12.1865, -33.1692



47.8885, 30.8856, 7.5898



47.8885, -20.6626, 19.6923

Complementary

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



47.8877, -12.1870, -33.1702



37.7877, 44.8111, 23.8418

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.



47.8885, -7.9805, 23.1186



47.8877, -12.1870, -33.1702



47.8885, 22.5987, 17.7823

Square

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



47.8885, -12.1865, -33.1692



47.8885, 29.3789, -7.9571



47.8885, 7.8974, 22.5553



47.8885, -27.8392, 11.2049

Rectangle

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



47.8877, -12.1870, -33.1702



47.8885, 13.7965, -29.3000



47.8885, 7.8974, 22.5553



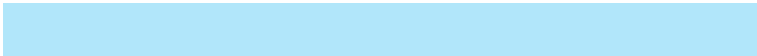
47.8885, -16.9748, 21.3275

Sweetspot

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



47.8885, -12.1865, -33.1692



85.3252, -16.0083, -10.4920



62.0083, -51.4400, 33.8328



38.7498, -7.9323, -5.9224



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



47.8885, -12.1865, -33.1692



63.1251, -15.1307, -46.2380



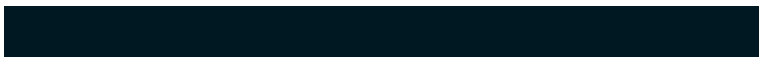
24.6396, 34.9974, -105.6079



33.0787, -3.2491, 0.0992



38.8576, -9.7926, -27.4292



8.7353, -2.9684, -4.5103

Inverse Universe

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



36.5653, 67.1090, -17.1551



48.6128, 90.0936, -21.6309



57.3491, 1.7000, 35.2183



31.9350, 2.1022, -0.0415



29.6757, 55.0857, -13.8867



6.2584, 11.7700, -4.1134

Previews

White Background



This preview shows how the HunterLab color 47.8877, -12.1870, -33.1702 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 47.8877, -12.1870, -33.1702 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 47.8877, -12.1870, -33.1702 Background



This preview shows how black text looks on a background with the HunterLab color 47.8877, -12.1870, -33.1702.



This preview shows how white text looks on a background with the HunterLab color 47.8877, -12.1870, -33.1702.

-12.1870, -33.1702.

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

47.8877, -12.1870, -33.1702

Protanopia

47.6412, 4.0658, -26.3264

Deuteranopia

47.7238, 4.1029, -35.4026



Tritanopia

47.9501, -22.9931, -10.2980

Trichromacy



Original Color

47.8877, -12.1870, -33.1702

Protanomaly

46.7106, -4.6229, -30.9729

Deuteranomaly

47.0995, -4.0115, -36.0406

Tritanomaly

47.8139, -19.2613, -18.0325

Monochromacy



Original Color

47.8877, -12.1870, -33.1702

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

40.3656, -10.3293, -10.6252

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.8877, -12.1870, -33.1702 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(5, 141, 193)` looks like.

```
.text, #text, p{  
    color:rgb(5, 141, 193)  
}
```

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(5, 141, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 141, 193) }
```

Border

The CSS property to change the border of an element to HunterLab 47.8877, -12.1870, -33.1702 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(5, 141, 193) }
```


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

```
.border{ border-color:rgb(5, 141, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 141, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 141, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 141, 193);  
box-shadow:4px 4px 4px 4px rgb(5, 141,  
193) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.8877, -12.1870, -33.1702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 141, 193) }
```

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

```
.background{ background-color: rgb(5, 141,  
193) }
```

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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