

Converting Colors

HunterLab(47.4680, -7.0846,
-42.2293)

Have a look what the booklet for
HunterLab(47.4680, -7.0846,
-42.2293) contains.

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Color

**HunterLab(47.3283, -6.8915,
-42.5221)**

Conversions

Conversions Part 1

Format	Color
Hex	1489CC
RGB	20, 137, 204
RGB Percent	8%, 54%, 80%
CMY	0.9215, 0.4627, 0.2000
CMYK	0.90, 0.33, 0.00, 0.20
HSL	202°, 82%, 44%
HSV	202°, 90%, 80%
XYZ	20.1332, 22.3997, 60.3892
YIQ	109.6550, -91.2390, -3.9670

Conversions

Conversions Part 2

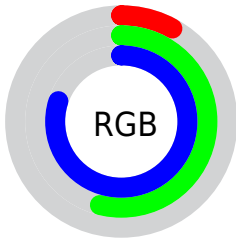
Format	Color
R_{YB}	20, 92, 204
Decimal	1345996
CIE _{Lab}	54.45, -5.60, -42.86
CIE _{LCh}	54, 43.223, 262.553
Yxy	22.4004, 0.1956, 0.2176
Android (android.graphics.Color)	4279536076 (0xFF1489CC)
YUV	109.6550, 46.5121, -78.6274
Hunter-Lab	47.3283, -6.8915, -42.5221

Details

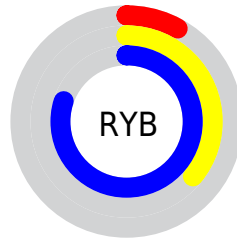
The HunterLab color **47.3283, -6.8915, -42.5221** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **44.3946, 36.6556, 27.1119**, and the grayscale version is **39.2123, -2.0923, 2.1305**.

A 20% lighter version of the original color is **68.5058, -10.3008, -39.8479**, and **30.2479, -0.3271, -37.1011** is the 20% darker color. If you saturate the color by 10%, you get **44.9970, -3.9959, -47.6163**, and if you desaturate by 10%, it is **49.8965, -9.2257, -37.2975**.

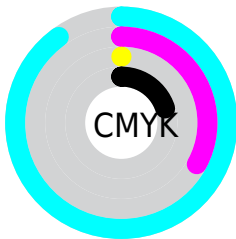
Distribution



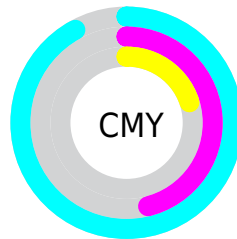
- Red (8%)
- Green (54%)
- Blue (80%)



- Red (8%)
- Yellow (36%)
- Blue (80%)



- Cyan (90%)
- Magenta (33%)
- Yellow (0%)
- Black (20%)



- Cyan (92%)
- Magenta (46%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.3283, -6.8915, -42.5221 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 47.3283, -6.8915, -42.5221 by changing the saturation by 10% instead.

■ 47.3283, -6.8915,
-42.5221

■ 47.3283, -6.8915,
-42.5221

162.6746,
-15.3417, -47.9078

■ 37.6184, -6.0383,
-41.9207

■ 68.8527, -8.6414,
-43.8940

■ 28.6811, -5.1968,
-41.5092

■ 80.5811, -9.5425,
-44.5795

■ 20.5911, -4.3604,
-41.5326

■ 92.9089, -10.4620,
-45.2378

■ 13.4486, -3.5172,
-42.6136

■ 105.8082,
-11.4002, -45.8593

■ 7.0183, -3.8533,
-49.8945

■ 119.2547,
-12.3572, -46.4390

0.0000, NaN, -NF

133.2270,

0.0000, NaN, -NF

-13.3332, -46.9742

0.0000, NaN, NaN

147.7060,
-14.3281, -47.4639

0.0000, NaN, NaN

■ 47.3283, -6.8915,
-42.5221

■ 47.3283, -6.8915,
-42.5221

■ 44.9970, -3.9959,
-47.6163

■ 49.8965, -9.2257,
-37.2975

■ 52.6852, -10.8232,
-32.0139

■ 55.6911, -11.6887,
-26.7070

■ 58.9043, -11.8579,
-21.4124

■ 62.3126, -11.3822,
-16.1588

■ 65.9024, -10.3201,
-10.9672

■ 69.6606, -8.7310,
-5.8508

■ 73.5742, -6.6718,
-0.8169

■ 77.6313, -4.1951,
4.1323

Harmonies

Analogous

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



47.3291, -21.6243, -31.3245



47.3283, -6.8915, -42.5221



47.3291, 11.3539, -38.5317

Triad

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



47.3291, -6.8908, -42.5211



47.3291, 33.4840, 13.4566



47.3291, -26.7898, 18.4274

Complementary

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



47.3283, -6.8915, -42.5221



44.3946, 36.6556, 27.1119

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.



47.3291, -14.9739, 23.8846



47.3283, -6.8915, -42.5221



47.3291, 20.1774, 21.8451

Square

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



47.3291, -6.8908, -42.5211



47.3291, 36.4962, -1.8496



47.3291, 1.9990, 24.8493



47.3291, -31.9546, 6.6121

Rectangle

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



47.3283, -6.8915, -42.5221



47.3291, 22.9643, -28.3013



47.3291, 1.9990, 24.8493



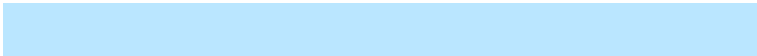
47.3291, -23.5558, 20.8562

Sweetspot

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



47.3291, -6.8908, -42.5211



86.1571, -12.7675, -12.2393



66.3188, -52.8098, 32.3653



39.0994, -6.1936, -6.7224

0.0000, NaN, NaN



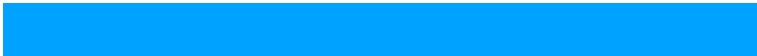
46.2646, -2.4686, 2.5136

Same Dimension

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



47.3291, -6.8908, -42.5211



57.5395, -4.5442, -62.1099



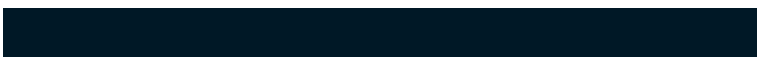
25.6747, 40.0956, -115.4001



34.6601, -3.0450, -0.1990



35.9531, -3.5828, -37.2039



8.9895, -2.0867, -6.7315

Inverse Universe

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



38.9165, 67.9763, -10.8876



48.8604, 89.0235, -9.8887



66.4061, -6.9879, 40.2048



33.6626, 2.1100, 0.3027



30.1793, 55.0889, -6.9007



6.9579, 12.8827, -3.0003

Previews

White Background



This preview shows how the HunterLab color 47.3283, -6.8915, -42.5221 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 47.3283, -6.8915, -42.5221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

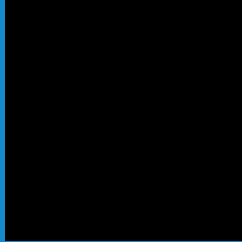
Any Text WCAG AA ✓ Pass

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 47.3283, -6.8915, -42.5221 Background



This preview shows how black text looks on a background with the HunterLab color 47.3283, -6.8915, -42.5221.



This preview shows how white text looks on a background with the HunterLab color 47.3283, -6.8915, -42.5221.

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

47.3283, -6.8915, -42.5221

Protanopia

47.1470, 6.4531, -36.5105

Deuteranopia

47.3286, 3.7724, -43.9205



Tritanopia

47.2367, -22.6198, -10.2121

Trichromacy



Original Color

47.3283, -6.8915, -42.5221

Protanomaly

46.7461, -0.3695, -39.7338

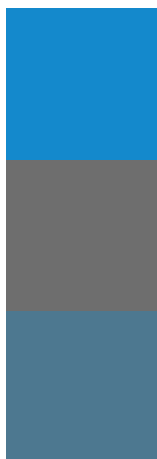
Deuteranomaly

47.1243, -1.4317, -43.6558

Tritanomaly

47.0235, -17.1698, -21.1733

Monochromacy



Original Color

47.3283, -6.8915, -42.5221

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

41.2606, -8.1308, -12.6329

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.3283, -6.8915, -42.5221 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(20, 137, 204)` looks like.

```
.text, #text, p{  
    color:rgb(20, 137, 204)  
}
```

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(20, 137, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 137, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 47.3283, -6.8915, -42.5221 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(20, 137, 204) }
```


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

```
.border{ border-color:rgb(20, 137, 204) }
```

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

Here you see how a box with a 4 pixel rgb(20, 137, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 137, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 137, 204);  
box-shadow:4px 4px 4px 4px rgb(20, 137,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.3283, -6.8915, -42.5221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 137, 204) }
```

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

```
.background{ background-color: rgb(20, 137,  
204) }
```

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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