

Converting Colors

HunterLab(48.2107, 15.0824,
-52.7028)

Have a look what the booklet for
HunterLab(48.2107, 15.0824,
-52.7028) contains.

HunterLab(48.1938, 14.9295, -52.4899)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(48.1938, 14.9295,
-52.4899)**

Conversions

Conversions Part 1

Format	Color
Hex	707DDB
RGB	112, 125, 219
RGB Percent	44%, 49%, 86%
CMY	0.5608, 0.5098, 0.1412
CMYK	0.49, 0.43, 0.00, 0.14
HSL	233°, 60%, 65%
HSV	233°, 49%, 86%
XYZ	26.8019, 23.2264, 70.0883
YIQ	131.8290, -37.9220, 26.4780

Conversions

Conversions Part 2

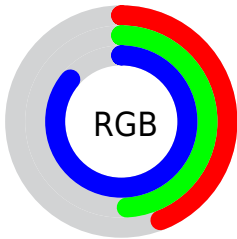
Format	Color
R _Y B	112, 124, 219
Decimal	7372251
CIE Lab	55.31, 20.53, -49.75
CIE LCh	55, 53.816, 292.426
Yxy	23.2272, 0.2231, 0.1934
Android (android.graphics.Color)	4285562331 (0xFF707DDB)
YUV	131.8290, 42.9753, -17.3900
Hunter-Lab	48.1938, 14.9295, -52.4899

Details

The HunterLab color **48.1938, 14.9295, -52.4899** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **77.7011, -11.4405, 35.9807**, and the grayscale version is **47.8154, -2.5513, 2.5979**.

A 20% lighter version of the original color is **68.6289, 10.2960, -39.2646**, and **29.2748, 13.7889, -51.8968** is the 20% darker color. If you saturate the color by 10%, you get **41.8957, 21.0223, -68.6591**, and if you desaturate by 10%, it is **54.9498, 9.7770, -38.2808**.

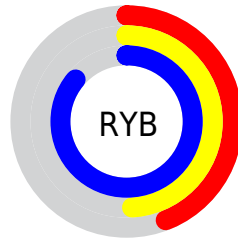
Distribution



Red (44%)

Green (49%)

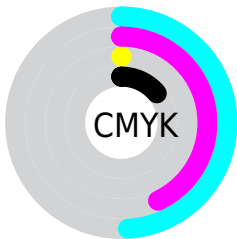
Blue (86%)



Red (44%)

Yellow (49%)

Blue (86%)

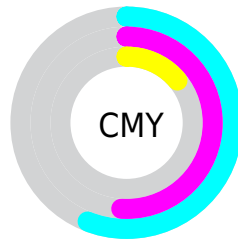


Cyan (49%)

Magenta (43%)

Yellow (0%)

Black (14%)



Cyan (56%)

Magenta (51%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.1938, 14.9295, -52.4899 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 48.1938, 14.9295, -52.4899 by changing the saturation by 10% instead.

■ 48.1938, 14.9295,
-52.4899

■ 48.1938, 14.9295,
-52.4899

163.9786, 16.6206,
-58.6462

■ 38.4205, 14.3516,
-51.9960

■ 69.8328, 15.7953,
-53.8646

■ 29.4144, 13.6577,
-51.8294

■ 81.6137, 16.1036,
-54.6137

■ 21.2484, 12.8291,
-52.3435

■ 93.9915, 16.3396,
-55.3598

■ 14.0199, 11.8434,
-54.4122

106.9386, 16.5095,
-56.0862

■ 7.6640, 11.7127,
-62.7352

120.4309, 16.6185,
-56.7829

0.0000, INF, -NF

0.0000, NaN, -NF

134.4473, 16.6709,

-57.4440

0.0000, NaN, -NF

148.9689, 16.6706,
-58.0657

0.0000, NaN, NaN

■ 48.1938, 14.9295,
-52.4899

■ 48.1938, 14.9295,
-52.4899

■ 41.8957, 21.0223,
-68.6591

■ 54.9498, 9.7770,
-38.2808

■ 36.1802, 28.2238,
-87.0375

■ 62.0714, 5.3733,
-25.6730

■ 31.2256, 36.5369,
-107.3711

■ 69.4958, 1.5541,
-14.3261

■ 27.2600, 45.4827,
-128.1700

■ 77.1767, -1.8104,
-3.9618

■ 24.4944, 53.7084,
-146.1879

■ 85.0795, -4.8196,
5.6376

■ 24.2492, 54.5027,
-147.9650

■ 93.1780, -7.5489,
14.6394

■ 98.9417, -11.1651,
20.6118

Harmonies

Analogous

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



48.1946, -8.1060, -57.9947



48.1938, 14.9295, -52.4899



48.1946, 36.4098, -29.5338

Triad

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



48.1946, 14.9298, -52.4886



48.1946, 26.5130, 25.0705



48.1946, -38.1880, 7.7042

Complementary

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



48.1938, 14.9295, -52.4899



77.7011, -11.4405, 35.9807

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.



48.1946, -32.1099, 21.4795



48.1938, 14.9295, -52.4899



48.1946, 3.2191, 28.0924

Square

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



48.1946, 14.9298, -52.4886



48.1946, 43.9015, 15.7521



48.1946, -17.8891, 27.1705



48.1946, -36.1976, -15.7110

Rectangle

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



48.1938, 14.9295, -52.4899



48.1946, 45.5874, -11.4159



48.1946, -17.8891, 27.1705



48.1946, -37.0658, 13.4015

Sweetspot

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



48.1946, 14.9298, -52.4886



85.9394, 0.3002, -12.3096



76.4875, -33.4992, 1.9036



38.8683, 0.5429, -6.9295

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.1946, 14.9298, -52.4886



49.3140, 25.4913, -82.9133



48.2762, 31.5710, -52.0077



35.8758, -0.7606, -2.1216



18.8979, 41.0848, -112.3110



5.6347, 7.6159, -23.4835

Inverse Universe

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



53.0380, 37.4628, 11.6479



57.1816, 55.4208, 16.8349



78.4276, -30.2197, 36.2080



36.1623, 1.4776, 2.5345



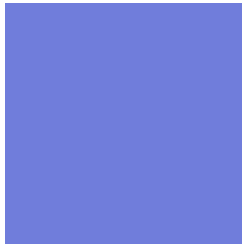
29.9738, 51.5125, 17.9621



7.6860, 13.3214, 3.7342

Previews

White Background



This preview shows how the HunterLab color 48.1938, 14.9295, -52.4899 looks on a white background.

Color Contrast Check

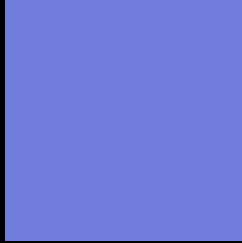
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.1938, 14.9295, -52.4899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

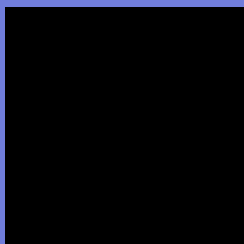
Any Text WCAG AA ✓ Pass

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 48.1938, 14.9295, -52.4899 Background



This preview shows how black text looks on a background with the HunterLab color 48.1938, 14.9295, -52.4899.



This preview shows how white text looks on a background with the HunterLab color 48.1938, 14.9295, -52.4899.

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

48.1938, 14.9295, -52.4899

Protanopia

48.2737, 10.1189, -55.8202

Deuteranopia

48.3782, 4.0889, -50.5701



Tritanopia

48.2347, -12.7007, -6.4890

Trichromacy



Original Color

48.1938, 14.9295, -52.4899

Protanomaly

48.3373, 11.6057, -54.7779

Deuteranomaly

48.1673, 7.8119, -51.8292

Tritanomaly

48.0783, -3.7718, -21.0932

Monochromacy



Original Color

48.1938, 14.9295, -52.4899

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

47.6873, 2.6712, -14.2359

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.1938, 14.9295, -52.4899 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(112, 125, 219)` looks like.

```
.text, #text, p{  
    color:rgb(112, 125, 219)  
}
```

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(112, 125, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 125, 219) }
```

Border

The CSS property to change the border of an element to HunterLab 48.1938, 14.9295, -52.4899 is called "border". The border property can be set on classes, ids or directly on the HTML element.

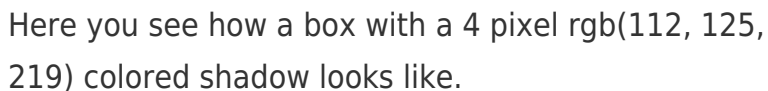
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(112, 125, 219) }
```


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

```
.border{ border-color:rgb(112, 125, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(112, 125, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 125, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 125, 219); box-shadow:4px 4px 4px 4px rgb(112, 125, 219) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.1938, 14.9295, -52.4899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 125, 219) }
```

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

```
.background{ background-color: rgb(112,  
125, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor