

Converting Colors

HunterLab(48.4397, -8.5835,
-20.7232)

Have a look what the booklet for
HunterLab(48.4397, -8.5835,
-20.7232) contains.

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Color

**HunterLab(48.4137, -8.6381,
-20.6208)**

Conversions

Conversions Part 1

Format	Color
Hex	538BB0
RGB	83, 139, 176
RGB Percent	33%, 55%, 69%
CMY	0.6745, 0.4549, 0.3098
CMYK	0.53, 0.21, 0.00, 0.31
HSL	204°, 37%, 51%
HSV	204°, 53%, 69%
XYZ	20.6364, 23.4389, 44.5109
YIQ	126.4740, -45.2530, -0.3650

Conversions

Conversions Part 2

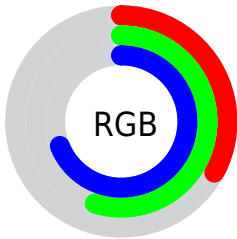
Format	Color
RYP	83, 118, 176
Decimal	5475248
CIELab	55.52, -7.77, -25.12
CIElCh	56, 26.293, 252.821
Yxy	23.4397, 0.2330, 0.2646
Android (android.graphics.Color)	4283665328 (0xFF538BB0)
YUV	126.4740, 24.4163, -38.1267
Hunter-Lab	48.4137, -8.6381, -20.6208

Details

The HunterLab color $48.4137, -8.6381, -20.6208$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $48.2582, 12.3956, 19.8980$, and the grayscale version is $45.7836, -2.4429, 2.4875$.

A 20% lighter version of the original color is $69.9491, -10.3937, -21.7900$, and $29.5538, -6.6813, -19.4996$ is the 20% darker color. If you saturate the color by 10%, you get $45.5794, -8.1176, -25.4867$, and if you desaturate by 10%, it is $51.4176, -8.6113, -15.8311$.

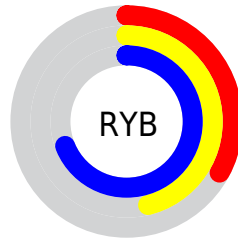
Distribution



Red (33%)

Green (55%)

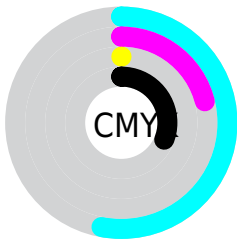
Blue (69%)



Red (33%)

Yellow (46%)

Blue (69%)

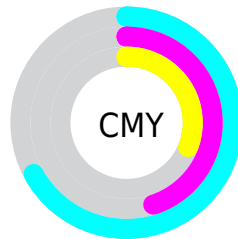


Cyan (53%)

Magenta (21%)

Yellow (0%)

Black (31%)



Cyan (67%)

Magenta (45%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.4137, -8.6381, -20.6208 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 48.4137, -8.6381, -20.6208 by changing the saturation by 10% instead.

■ 48.4137, -8.6381,
-20.6208

■ 48.4137, -8.6381,
-20.6208

164.3093,
-18.0005, -22.4265

■ 38.6245, -7.6531,
-20.1385

■ 70.0816, -10.6276,
-21.4136

■ 29.6011, -6.6674,
-19.6162

■ 81.8759, -11.6381,
-21.7213

■ 21.4159, -5.6712,
-19.0912

■ 94.2663, -12.6615,
-21.9709

■ 14.1658, -4.6465,
-18.6728

■ 107.2254,
-13.6989, -22.1645

■ 7.8190, -4.7455,
-19.3948

120.7293,
-14.7510, -22.3046

0.0000, NaN, -NF

134.7569,

0.0000, NaN, -NF

-15.8185, -22.3934

0.0000, NaN, NaN

149.2892,
-16.9016, -22.4333

0.0000, NaN, NaN

■ 48.4137, -8.6381,
-20.6208

■ 48.4137, -8.6381,
-20.6208

■ 45.5794, -8.1176,
-25.4867

■ 51.4176, -8.6113,
-15.8311

■ 42.9243, -7.0031,
-30.4082

■ 54.5758, -8.0891,
-11.1351

■ 40.4593, -5.2620,
-35.3532

■ 57.8768, -7.1239,
-6.5391

■ 38.1899, -2.8894,
-40.2871

■ 61.3090, -5.7651,
-2.0448

■ 36.6584, -0.9077,
-43.8602

■ 64.8617, -4.0581,
2.3500

■ 68.5252, -2.0431,
6.6500

■ 72.2910, 0.2445,
10.8618

■ 76.1512, 2.7739,
14.9924

■ 80.0989, 5.5182,
19.0492

Harmonies

Analogous

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



48.4146, -17.0567, -13.0180



48.4137, -8.6381, -20.6208



48.4146, 2.1665, -21.1920

Triad

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



48.4146, -8.6382, -20.6199



48.4146, 19.6578, 6.8651



48.4146, -16.0587, 15.1255

Complementary

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



48.4137, -8.6381, -20.6208



48.2582, 12.3956, 19.8980

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.



48.4146, -7.1618, 18.3572



48.4137, -8.6381, -20.6208



48.4146, 13.8136, 14.3499

Square

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



48.4146, -8.6382, -20.6199



48.4146, 19.1732, -3.6492



48.4146, 3.7791, 18.1090



48.4146, -21.0729, 8.1762

Rectangle

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



48.4137, -8.6381, -20.6208



48.4146, 9.3399, -17.3556



48.4146, 3.7791, 18.1090



48.4146, -13.4585, 16.6055

Sweetspot

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



48.4146, -8.6382, -20.6199



80.9562, -8.4496, -4.8213



58.4926, -33.9981, 17.8675



37.2561, -4.1067, -2.8072



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



48.4146, -8.6382, -20.6199



60.9169, -10.7877, -35.1580



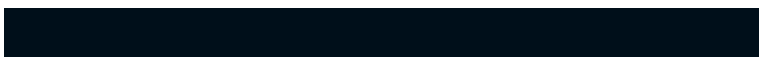
35.9907, 13.3645, -45.2541



30.0878, -2.5034, -0.2367



31.5857, -1.0898, -37.1268



6.5125, -1.6175, -4.6482

Inverse Universe

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



41.5711, 37.4251, -8.5674



51.1876, 60.9242, -12.5860



60.6793, -9.2637, 29.2310



29.3058, 1.7303, 0.4047



27.4723, 49.8679, -4.1145



4.9859, 9.2507, -2.2989

Previews

White Background



This preview shows how the HunterLab color 48.4137, -8.6381, -20.6208 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 48.4137, -8.6381, -20.6208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

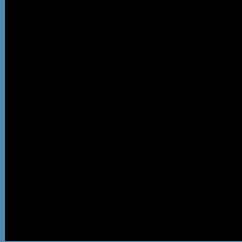
Any Text WCAG AA ✓ Pass

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 48.4137, -8.6381, -20.6208 Background



This preview shows how black text looks on a background with the HunterLab color 48.4137, -8.6381, -20.6208.



This preview shows how white text looks on a background with the HunterLab color 48.4137, -8.6381, -20.6208.

-20.6208.

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

48.4137, -8.6381, -20.6208

Protanopia

48.2415, 2.1531, -16.9761

Deuteranopia

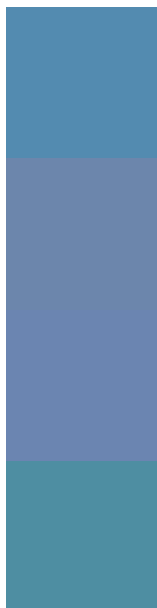
48.1380, 3.8784, -22.1469



Tritanopia

48.4498, -16.4197, -7.8449

Trichromacy



Original Color

48.4137, -8.6381, -20.6208

Protanomaly

48.1839, -2.2443, -18.3744

Deuteranomaly

48.0366, -0.8769, -21.7547

Tritanomaly

48.5534, -13.8806, -12.0658

Monochromacy



Original Color

48.4137, -8.6381, -20.6208

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

46.4341, -5.9880, -5.1832

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.4137, -8.6381, -20.6208 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(83, 139, 176)` looks like.

```
.text, #text, p{  
    color:rgb(83, 139, 176)  
}
```

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(83, 139, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 139, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 48.4137, -8.6381, -20.6208 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(83, 139, 176) }
```


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

```
.border{ border-color:rgb(83, 139, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 139, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 139, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 139, 176);  
box-shadow:4px 4px 4px 4px rgb(83, 139,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.4137, -8.6381, -20.6208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 139, 176) }
```

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

```
.background{ background-color: rgb(83, 139,  
176) }
```

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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