

Converting Colors

HunterLab(48.8424, -10.1524,
-6.2373)

Have a look what the booklet for
HunterLab(48.8424, -10.1524,
-6.2373) contains.

HunterLab(48.8945, -10.2179, -6.0718)	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(48.8945,
-10.2179, -6.0718)**

Conversions

Conversions Part 1

Format	Color
Hex	678C98
RGB	103, 140, 152
RGB Percent	40%, 55%, 60%
CMY	0.5961, 0.4510, 0.4039
CMYK	0.32, 0.08, 0.00, 0.40
HSL	195°, 19%, 50%
HSV	195°, 32%, 60%
XYZ	20.6391, 23.9067, 33.2324
YIQ	130.3050, -25.9040, -4.1120

Conversions

Conversions Part 2

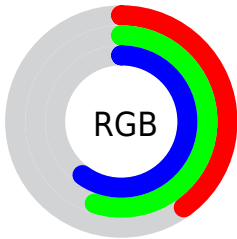
Format	Color
R_{YB}	103, 124, 152
Decimal	6786200
CIE _{Lab}	56.00, -9.79, -10.53
CIE _{LCh}	56, 14.378, 227.078
Yxy	23.9077, 0.2654, 0.3074
Android (android.graphics.Color)	4284976280 (0xFF678C98)
YUV	130.3050, 10.6956, -23.9465
Hunter-Lab	48.8945, -10.2179, -6.0718

Details

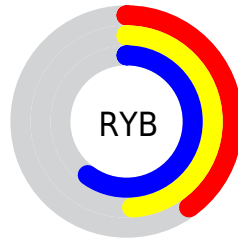
The HunterLab color $48.8945, -10.2179, -6.0718$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $44.6277, 8.0087, 10.5910$, and the grayscale version is $47.3345, -2.5257, 2.5718$.

A 20% lighter version of the original color is $70.7868, -12.5643, -5.5102$, and $30.0147, -8.0811, -5.9672$ is the 20% darker color. If you saturate the color by 10%, you get $46.9250, -11.6808, -8.8234$, and if you desaturate by 10%, it is $50.9862, -8.3615, -3.2730$.

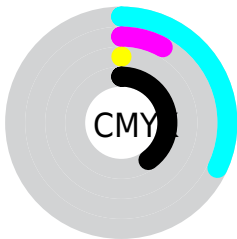
Distribution



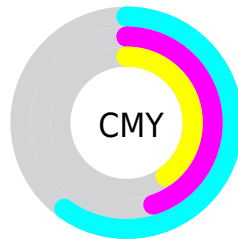
- Red (40%)
- Green (55%)
- Blue (60%)



- Red (40%)
- Yellow (49%)
- Blue (60%)



- Cyan (32%)
- Magenta (8%)
- Yellow (0%)
- Black (40%)



- Cyan (60%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.8945, -10.2179, -6.0718 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 48.8945, -10.2179, -6.0718 by changing the saturation by 10% instead.

■ 48.8945, -10.2179,
-6.0718

■ 48.8945, -10.2179,
-6.0718

165.0313,
-20.4284, -3.5250

■ 39.0706, -9.1094,
-6.0849

■ 70.6254, -12.4307,
-5.8510

■ 30.0095, -7.9884,
-6.0253

■ 82.4485, -13.5429,
-5.6560

■ 21.7828, -6.8419,
-5.8839

■ 94.8664, -14.6629,
-5.4101

■ 14.4857, -5.6453,
-5.6529

■ 107.8518,
-15.7925, -5.1169

■ 8.1468, -5.6721,
-5.5635

121.3809,
-16.9330, -4.7793

0.0000, NaN, -NF

0.0000, NaN, NaN

135.4327,

-18.0854, -4.4000

0.0000, NaN, NaN

149.9885,
-19.2503, -3.9813

0.0000, NaN, NaN

■ 48.8945, -10.2179,
-6.0718

■ 48.8945, -10.2179,
-6.0718

■ 46.9250, -11.6808,
-8.8234

■ 50.9862, -8.3615,
-3.2730

■ 45.0804, -12.7166,
-11.5139

■ 53.1912, -6.1440,
-0.4436

■ 43.3662, -13.2985,
-14.1248

■ 55.5039, -3.6000,
2.4057

■ 41.7849, -13.4079,
-16.6380

■ 57.9179, -0.7621,
5.2656

■ 40.3366, -13.0395,
-19.0375

■ 60.4271, 2.3391,
8.1287

■ 39.0169, -12.2085,
-21.3130

■ 63.0254, 5.6759,
10.9898

■ 38.0507, -11.3587,
-23.0398

■ 65.7071, 9.2230,
13.8449

■ 68.4671, 12.9580,
16.6915

■ 71.3003, 16.8613,
19.5279

Harmonies

Analogous

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



48.8955, -13.1524, -0.6705



48.8945, -10.2179, -6.0718



48.8955, -5.1633, -9.2814

Triad

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



48.8955, -10.2184, -6.0710



48.8955, 9.1418, 0.1447



48.8955, -5.9519, 12.0282

Complementary

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



48.8945, -10.2179, -6.0718



44.6277, 8.0087, 10.5910

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.



48.8955, -0.0064, 12.1906



48.8945, -10.2179, -6.0718



48.8955, 8.9055, 5.7744

Square

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



48.8955, -10.2184, -6.0710



48.8955, 6.1215, -5.4126



48.8955, 5.4908, 10.0315



48.8955, -10.7717, 9.5572

Rectangle

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



48.8945, -10.2179, -6.0718



48.8955, -1.1826, -9.5223



48.8955, 5.4908, 10.0315



48.8955, -4.0243, 12.3431

Sweetspot

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



48.8955, -10.2184, -6.0710



71.2837, -7.5066, 0.1817



51.5415, -21.3340, 12.9235



33.7980, -3.7778, -0.1462



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



48.8955, -10.2184, -6.0710



62.9760, -15.0887, -10.8233



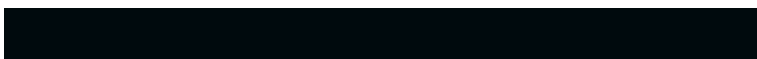
42.0206, 0.8646, -16.0066



26.0196, -2.6139, 0.1985



34.9139, -10.5024, -20.9678



4.8726, -2.0962, -1.5652

Inverse Universe

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



42.7434, 19.3003, -7.7410



53.2537, 32.6391, -13.2729



51.0892, -3.3849, 16.5293



25.0954, 1.5808, -0.0777



25.7602, 48.1471, -14.6097



3.2369, 6.1952, -2.9611

Previews

White Background



This preview shows how the HunterLab color 48.8945, -10.2179, -6.0718 looks on a white background.

Color Contrast Check

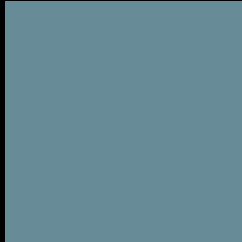
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.8945, -10.2179, -6.0718 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

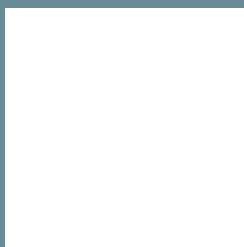
Any Text WCAG AAA × Fail

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

HunterLab 48.8945, -10.2179, -6.0718 Background



This preview shows how black text looks on a background with the HunterLab color 48.8945, -10.2179, -6.0718.



This preview shows how white text looks on a background with the HunterLab color 48.8945,

-10.2179, -6.0718.

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

48.8945, -10.2179, -6.0718

Protanopia

48.7721, -0.5528, -3.5132

Deuteranopia

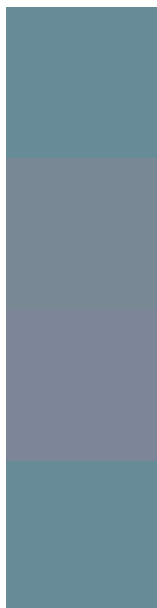
48.5970, 3.5932, -7.2905



Tritanopia

48.8611, -10.4060, -5.6014

Trichromacy



Original Color

48.8945, -10.2179, -6.0718

Protanomaly

48.8295, -4.6117, -4.5172

Deuteranomaly

48.6930, -1.8801, -6.7242

Tritanomaly

48.8611, -10.4060, -5.6014

Monochromacy



Original Color

48.8945, -10.2179, -6.0718

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.8312, -5.8642, -0.4344

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.8945, -10.2179, -6.0718 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(103, 140, 152)` looks like.

```
.text, #text, p{  
    color:rgb(103, 140, 152)  
}
```

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(103, 140, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 140, 152) }
```

Border

The CSS property to change the border of an element to HunterLab 48.8945, -10.2179, -6.0718 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(103, 140, 152) }
```


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

```
.border{ border-color:rgb(103, 140, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 140, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 140, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 140, 152);  
box-shadow:4px 4px 4px 4px rgb(103, 140,  
152) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.8945, -10.2179, -6.0718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 140, 152) }
```

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

```
.background{ background-color: rgb(103,  
140, 152) }
```

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