

Converting Colors

HunterLab(50.3002, -19.0870,
-6.9392)

Have a look what the booklet for
HunterLab(50.3002, -19.0870,
-6.9392) contains.

HunterLab(50.2681, -18.9677, -6.9804)	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(50.2681,
-18.9677, -6.9804)**

Conversions

Conversions Part 1

Format	Color
Hex	47959D
RGB	71, 149, 157
RGB Percent	28%, 58%, 62%
CMY	0.7216, 0.4157, 0.3843
CMYK	0.55, 0.05, 0.00, 0.38
HSL	186°, 38%, 45%
HSV	186°, 55%, 62%
XYZ	19.4318, 25.2688, 35.7515
YIQ	126.5900, -49.0560, -14.0480

Conversions

Conversions Part 2

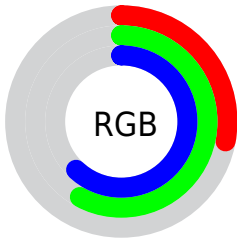
Format	Color
RYB	71, 112, 157
Decimal	4691357
CIELab	57.34, -21.55, -11.53
CIElCh	57, 24.446, 208.154
Yxy	25.2698, 0.2415, 0.3141
Android (android.graphics.Color)	4282881437 (0xFF47959D)
YUV	126.5900, 14.9921, -48.7524
Hunter-Lab	50.2681, -18.9677, -6.9804




Details

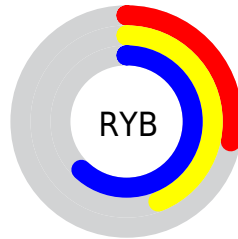
The HunterLab color **50.2681, -18.9677, -6.9804** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **36.3531, 23.9718, 13.0968**, and the grayscale version is **45.8658, -2.4473, 2.4920**.




A 20% lighter version of the original color is **72.0953, -22.1993, -7.1879**, and **31.2666, -14.9295, -6.8520** is the 20% darker color. If you saturate the color by 10%, you get **49.2866, -20.3501, -8.3592**, and if you desaturate by 10%, it is **51.3878, -17.0905, -5.4383**.

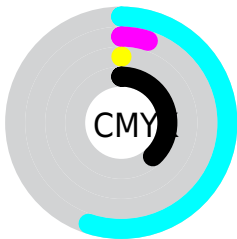
Distribution







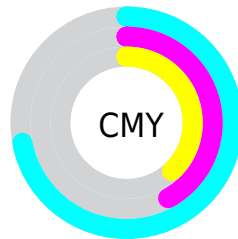
-  Red (28%)
-  Green (58%)
-  Blue (62%)






-  Red (28%)
-  Yellow (44%)
-  Blue (62%)



-  Cyan (55%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (38%)



-  Cyan (72%)
-  Magenta (42%)
-  Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.2681, -18.9677, -6.9804 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 50.2681, -18.9677, -6.9804 by changing the saturation by 10% instead.

■ 50.2681, -18.9677,
-6.9804

■ 50.2681, -18.9677,
-6.9804

167.0864,
-34.1707, -4.7093

■ 40.3462, -17.1212,
-6.9598

■ 72.1766, -22.5005,
-6.8257

■ 31.1788, -15.1918,
-6.8665

■ 84.0812, -24.2135,
-6.6627

■ 22.8353, -13.1425,
-6.6923

■ 96.5767, -25.9029,
-6.4482

■ 15.4067, -10.9090,
-6.4312

■ 109.6364,
-27.5749, -6.1856

■ 9.0127, -10.9022,
-6.1152

■ 123.2369,
-29.2343, -5.8779

0.0000, NaN, -NF

0.0000, NaN, NaN

137.3574,

-30.8848, -5.5279

0.0000, NaN, NaN

151.9795,
-32.5295, -5.1377

0.0000, NaN, NaN

■ 50.2681, -18.9677,
-6.9804

■ 50.2681, -18.9677,
-6.9804

■ 49.2866, -20.3501,
-8.3592

■ 51.3878, -17.0905,
-5.4383

■ 48.4362, -21.2398,
-9.5725

■ 52.6444, -14.7286,
-3.7442

■ 47.7103, -21.6564,
-10.6211

■ 54.0383, -11.9029,
-1.9091

■ 47.0964, -21.6434,
-11.5159

■ 55.5673, -8.6420,
0.0532

■ 46.7965, -21.5568,
-11.9566

■ 57.2281, -4.9789,
2.1284

■ 59.0161, -0.9493,
4.3020

■ 60.9263, 3.4105,
6.5601

■ 62.9532, 8.0650,
8.8900

■ 65.0911, 12.9804,
11.2802

Harmonies

Analogous

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



50.2691, -20.9720, 3.3389



50.2681, -18.9677, -6.9804



50.2691, -12.7049, -16.0224

Triad

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



50.2691, -18.9679, -6.9796



50.2691, 15.2514, -8.2428



50.2691, -2.0458, 18.1478

Complementary

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



50.2681, -18.9677, -6.9804



36.3531, 23.9718, 13.0968

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.



50.2691, 8.1871, 16.2431



50.2681, -18.9677, -6.9804



50.2691, 18.6593, 2.1261

Square

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



50.2691, -18.9679, -6.9796



50.2691, 6.9959, -16.8487



50.2691, 15.9771, 10.8319



50.2691, -11.6844, 16.6636

Rectangle

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



50.2681, -18.9677, -6.9804



50.2691, -6.6827, -19.3907



50.2691, 15.9771, 10.8319



50.2691, 1.4418, 17.8920

Sweetspot

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



50.2691, -18.9679, -6.9796



74.0369, -12.2702, -0.3417



50.9966, -33.1101, 22.4271



34.5447, -6.1547, -0.3964



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



50.2691, -18.9679, -6.9796



65.6568, -27.5916, -11.6128



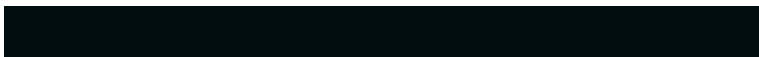
37.7562, -0.2387, -26.8308



27.2102, -3.2123, 0.5717



42.2072, -19.4697, -10.7258



5.8833, -2.8998, -1.0938

Inverse Universe

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



37.2091, 38.4239, -21.7080



45.7391, 62.4344, -34.9733



46.1942, 3.7853, 20.8789



25.9691, 1.8273, -0.5573



27.2408, 52.5196, -27.8928



3.6806, 7.1555, -4.2291

Previews

White Background



This preview shows how the HunterLab color 50.2681, -18.9677, -6.9804 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 50.2681, -18.9677, -6.9804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

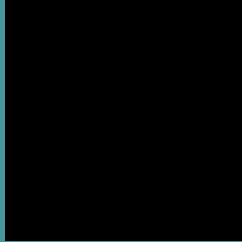
Any Text WCAG AA ✓ Pass

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 50.2681, -18.9677, -6.9804 Background



This preview shows how black text looks on a background with the HunterLab color 50.2681, -18.9677, -6.9804.



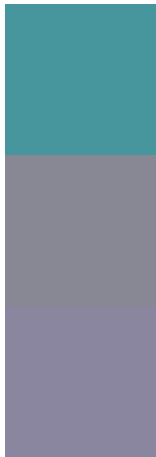
This preview shows how white text looks on a background with the HunterLab color 50.2681, -18.9677, -6.9804.

-18.9677, -6.9804.

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

50.2681, -18.9677, -6.9804

Protanopia

50.0125, -0.4987, -2.8996

Deuteranopia

50.0772, 3.3228, -8.4607



Tritanopia

50.0955, -17.8016, -8.8048

Trichromacy



Original Color

50.2681, -18.9677, -6.9804

Protanomaly

49.7609, -8.6146, -4.8827

Deuteranomaly

49.5438, -5.8889, -8.8279

Tritanomaly

50.0607, -18.0029, -8.3161

Monochromacy



Original Color

50.2681, -18.9677, -6.9804

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

47.2109, -9.5917, -1.2734

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.2681, -18.9677, -6.9804 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(71, 149, 157)` looks like.

```
.text, #text, p{  
    color:rgb(71, 149, 157)  
}
```

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(71, 149, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 149, 157) }
```

Border

The CSS property to change the border of an element to HunterLab 50.2681, -18.9677, -6.9804 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(71, 149, 157) }
```


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

```
.border{ border-color:rgb(71, 149, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 149, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 149, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 149, 157);  
box-shadow:4px 4px 4px 4px rgb(71, 149,  
157) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.2681, -18.9677, -6.9804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 149, 157) }
```

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

```
.background{ background-color: rgb(71, 149,  
157) }
```

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