

Converting Colors

HunterLab(50.7130, -18.0053,
-4.1693)

Have a look what the booklet for
HunterLab(50.7130, -18.0053,
-4.1693) contains.

HunterLab(50.6298, -17.8630, -4.4067)	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(50.6298,
-17.8630, -4.4067)**

Conversions

Conversions Part 1

Format	Color
Hex	539599
RGB	83, 149, 153
RGB Percent	33%, 58%, 60%
CMY	0.6745, 0.4157, 0.4000
CMYK	0.46, 0.03, 0.00, 0.40
HSL	183°, 30%, 46%
HSV	183°, 46%, 60%
XYZ	20.0645, 25.6338, 34.0272
YIQ	129.7220, -40.6200, -12.7480

Conversions

Conversions Part 2

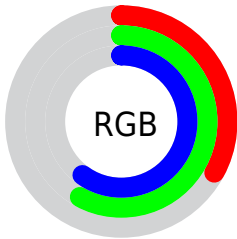
Format	Color
R_{YB}	83, 117, 153
Decimal	5477785
CIE _{Lab}	57.69, -19.91, -8.67
CIE _{LCh}	58, 21.713, 203.545
Yxy	25.6348, 0.2517, 0.3215
Android (android.graphics.Color)	4283667865 (0xFF539599)
YUV	129.7220, 11.4761, -40.9752
Hunter-Lab	50.6298, -17.8630, -4.4067

Details

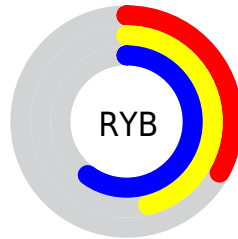
The HunterLab color $50.6298, -17.8630, -4.4067$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $37.7010, 19.7523, 10.7061$, and the grayscale version is $47.1063, -2.5135, 2.5594$.

A 20% lighter version of the original color is $72.4812, -21.1058, -3.9950$, and $31.4870, -14.3309, -4.5188$ is the 20% darker color. If you saturate the color by 10%, you get $49.7377, -19.8468, -5.6247$, and if you desaturate by 10%, it is $51.6593, -15.4013, -3.0265$.

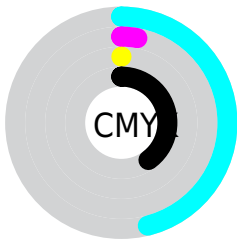
Distribution



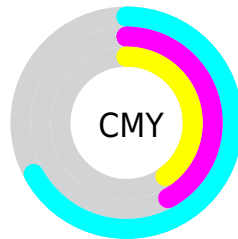
- Red (33%)
- Green (58%)
- Blue (60%)



- Red (33%)
- Yellow (46%)
- Blue (60%)



- Cyan (46%)
- Magenta (3%)
- Yellow (0%)
- Black (40%)



- Cyan (67%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.6298, -17.8630, -4.4067 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 50.6298, -17.8630, -4.4067 by changing the saturation by 10% instead.

50.6298, -17.8630,
-4.4067

50.6298, -17.8630,
-4.4067

167.6259,
-32.3509, -1.1630

40.6824, -16.1249,
-4.5138

72.5845, -21.2043,
-4.0101

31.4875, -14.3153,
-4.5524

84.5104, -22.8308,
-3.7325

23.1136, -12.4018,
-4.5129

97.0262, -24.4386,
-3.4072

15.6509, -10.3273,
-4.3841

110.1053,
-26.0331, -3.0375

9.2260, -9.8943,
-4.1609

123.7244,
-27.6186, -2.6259

0.0000, NaN, -NF

137.8628,

0.0000, NaN, NaN

-29.1984, -2.1751

0.0000, NaN, NaN

152.5022,
-30.7751, -1.6868

0.0000, NaN, NaN

■ 50.6298, -17.8630,
-4.4067

■ 50.6298, -17.8630,
-4.4067

■ 49.7377, -19.8468,
-5.6247

■ 51.6593, -15.4013,
-3.0265

■ 48.9770, -21.3459,
-6.6777

■ 52.8240, -12.4770,
-1.4949

■ 48.3430, -22.3686,
-7.5647

■ 54.1242, -9.1157,
0.1777

■ 47.8270, -22.9394,
-8.2914

■ 55.5573, -5.3482,
1.9784

■ 47.4137, -23.1125,
-8.8748

■ 57.1201, -1.2093,
3.8937

■ 47.2500, -23.1396,
-9.1066

■ 58.8080, 3.2649,
5.9100

■ 60.6162, 8.0381,
8.0141

■ 62.5393, 13.0753,
10.1937

■ 64.5717, 18.3438,
12.4377

Harmonies

Analogous

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



50.6308, -19.0472, 4.6040



50.6298, -17.8630, -4.4067



50.6308, -12.7525, -12.6610

Triad

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



50.6308, -17.8634, -4.4059



50.6308, 12.2588, -8.2471



50.6308, -0.7085, 16.7403

Complementary

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



50.6298, -17.8630, -4.4067



37.7010, 19.7523, 10.7061

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.



50.6308, 8.1944, 14.4672



50.6298, -17.8630, -4.4067



50.6308, 16.0169, 0.8355

Square

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



50.6308, -17.8634, -4.4059



50.6308, 4.5271, -15.1400



50.6308, 14.4792, 9.0038



50.6308, -9.5512, 15.8378

Rectangle

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



50.6298, -17.8630, -4.4067



50.6308, -7.5984, -16.0942



50.6308, 14.4792, 9.0038



50.6308, 2.3832, 16.3376

Sweetspot

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



50.6308, -17.8634, -4.4059



72.7022, -11.4892, 0.5824



50.3010, -28.9100, 19.9860



33.9913, -5.8475, 0.0555



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.



50.6308, -17.8634, -4.4059



66.5234, -26.6377, -7.5782



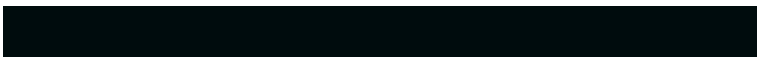
40.3576, -2.5495, -19.4518



26.3933, -3.2134, 0.6420



42.9746, -21.0601, -8.2519



5.4027, -2.7550, -0.8056

Inverse Universe

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



38.8965, 31.3105, -18.8272



48.1583, 51.8561, -31.2803



46.0370, 3.1738, 17.8830



25.1347, 1.7918, -0.6367



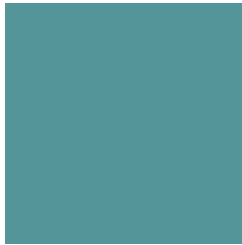
26.9623, 52.3767, -30.6611



3.3208, 6.4879, -4.0628

Previews

White Background



This preview shows how the HunterLab color 50.6298, -17.8630, -4.4067 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 50.6298, -17.8630, -4.4067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

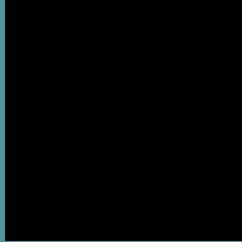
Any Text WCAG AA ✓ Pass

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 50.6298, -17.8630, -4.4067 Background



This preview shows how black text looks on a background with the HunterLab color 50.6298, -17.8630, -4.4067.



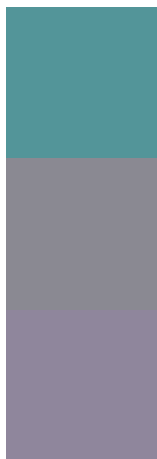
This preview shows how white text looks on a background with the HunterLab color 50.6298, -17.8630, -4.4067.

-17.8630, -4.4067.

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

50.6298, -17.8630, -4.4067

Protanopia

50.3686, -0.9117, -0.9899

Deuteranopia

50.2893, 3.7599, -6.0280



Tritanopia

50.6450, -15.7366, -8.0030

Trichromacy



Original Color

50.6298, -17.8630, -4.4067

Protanomaly

50.0712, -7.6957, -2.9499

Deuteranomaly

49.8966, -4.9168, -6.1882

Tritanomaly

50.4965, -16.4977, -6.6262

Monochromacy



Original Color

50.6298, -17.8630, -4.4067

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

48.2048, -9.0286, -0.0286

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.6298, -17.8630, -4.4067 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, 149, 153)` looks like.

```
.text, #text, p{  
    color:rgb(83, 149, 153)  
}
```

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, 149, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 149, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 50.6298, -17.8630, -4.4067 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, 149, 153) }
```


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

```
.border{ border-color:rgb(83, 149, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 149, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 149, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 149, 153);  
box-shadow:4px 4px 4px 4px rgb(83, 149,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.6298, -17.8630, -4.4067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 149, 153) }
```

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

```
.background{ background-color: rgb(83, 149,  
153) }
```

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