

Converting Colors

HunterLab(48.6706, -11.7583,
-17.0789)

Have a look what the booklet for
HunterLab(48.6706, -11.7583,
-17.0789) contains.

HunterLab(48.5898, -11.4960, -17.2729)	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(48.5898,
-11.4960, -17.2729)**

Conversions

Conversions Part 1

Format	Color
Hex	4E8DAB
RGB	78, 141, 171
RGB Percent	31%, 55%, 67%
CMY	0.6941, 0.4471, 0.3294
CMYK	0.54, 0.18, 0.00, 0.33
HSL	199°, 37%, 49%
HSV	199°, 54%, 67%
XYZ	20.0174, 23.6097, 42.0301
YIQ	125.5830, -47.1780, -4.0260

Conversions

Conversions Part 2

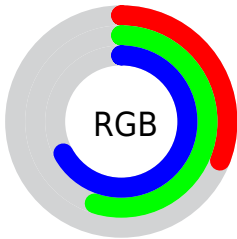
Format	Color
RYB	78, 116, 171
Decimal	5148075
CIELab	55.70, -11.55, -22.01
CIELCh	56, 24.856, 242.315
Yxy	23.6106, 0.2337, 0.2756
Android (android.graphics.Color)	4283338155 (0xFF4E8DAB)
YUV	125.5830, 22.3906, -41.7303
Hunter-Lab	48.5898, -11.4960, -17.2729

Details

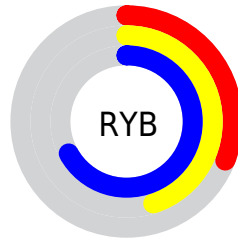
The HunterLab color $48.5898, -11.4960, -17.2729$ is a dark color, and the websafe version is hex $3399CC$. A complement of this color would be $44.6474, 15.9517, 18.2181$, and the grayscale version is $45.4430, -2.4247, 2.4690$.

A 20% lighter version of the original color is $70.3617, -14.2613, -17.5227$, and $29.7970, -9.0366, -16.5249$ is the 20% darker color. If you saturate the color by 10%, you get $46.2528, -11.4715, -21.0884$, and if you desaturate by 10%, it is $51.0849, -10.9896, -13.4308$.

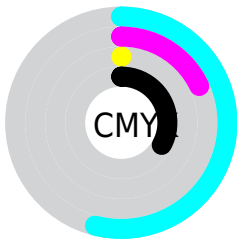
Distribution



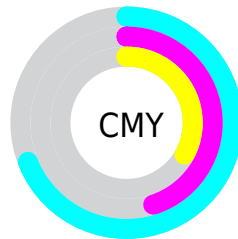
- Red (31%)
- Green (55%)
- Blue (67%)



- Red (31%)
- Yellow (45%)
- Blue (67%)



- Cyan (54%)
- Magenta (18%)
- Yellow (0%)
- Black (33%)



- Cyan (69%)
- Magenta (45%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.5898, -11.4960, -17.2729 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 48.5898, -11.4960, -17.2729 by changing the saturation by 10% instead.

■ 48.5898, -11.4960,
-17.2729

■ 48.5898, -11.4960,
-17.2729

164.5739,
-22.4405, -18.2448

■ 38.7879, -10.2780,
-16.8707

■ 70.2808, -13.9031,
-17.8849

■ 29.7506, -9.0370,
-16.4119

■ 82.0857, -15.1037,
-18.0982

■ 21.5502, -7.7557,
-15.9170

■ 94.4861, -16.3075,
-18.2529

■ 14.2828, -6.4030,
-15.4535

■ 107.4549,
-17.5168, -18.3518

■ 7.9407, -6.7612,
-15.7581

■ 120.9680,
-18.7336, -18.3979

0.0000, NaN, -NF

0.0000, NaN, NaN

135.0045,

-19.9591, -18.3938

0.0000, NaN, NaN

149.5454,
-21.1945, -18.3420

0.0000, NaN, NaN

■ 48.5898, -11.4960,
-17.2729

■ 48.5898, -11.4960,
-17.2729

■ 46.2528, -11.4715,
-21.0884

■ 51.0849, -10.9896,
-13.4308

■ 44.0780, -10.8857,
-24.8551

■ 53.7272, -9.9916,
-9.5861

■ 42.0697, -9.7247,
-28.5463

■ 56.5084, -8.5451,
-5.7544

■ 40.2257, -8.0027,
-32.1415

■ 59.4192, -6.6940,
-1.9480

■ 39.2354, -6.8907,
-34.1657

■ 62.4509, -4.4799,
1.8251

■ 65.5947, -1.9418,
5.5599

■ 68.8427, 0.8852,
9.2539

■ 72.1877, 3.9696,
12.9066

■ 75.6228, 7.2838,
16.5187

Harmonies

Analogous

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



48.5907, -18.2894, -8.5970



48.5898, -11.4960, -17.2729



48.5907, -1.7891, -20.3153

Triad

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



48.5907, -11.4961, -17.2720



48.5907, 18.9204, 3.4032



48.5907, -12.7784, 16.0731

Complementary

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



48.5898, -11.4960, -17.2729



44.6474, 15.9517, 18.2181

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.



48.5907, -3.3963, 18.0077



48.5898, -11.4960, -17.2729



48.5907, 15.3843, 11.7121

Square

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



48.5907, -11.4961, -17.2720



48.5907, 16.3037, -6.9935



48.5907, 6.9962, 16.5947



48.5907, -18.9851, 10.6407

Rectangle

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



48.5898, -11.4960, -17.2729



48.5907, 5.1907, -18.3188



48.5907, 6.9962, 16.5947



48.5907, -9.9200, 17.0959

Sweetspot

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



48.5907, -11.4961, -17.2720



78.7656, -9.4678, -3.5712



56.4066, -34.2091, 19.4059



36.8261, -4.7142, -2.1646



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



48.5907, -11.4961, -17.2720



61.3683, -15.2689, -29.1176



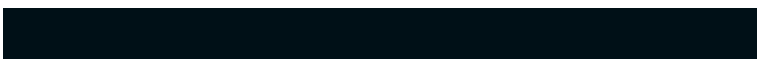
35.7131, 10.4254, -41.7752



29.3766, -2.7063, -0.0147



34.2099, -6.2042, -29.3663



6.4727, -2.1494, -3.4503

Inverse Universe

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



40.0382, 38.3904, -11.9739



49.0031, 61.9472, -17.9995



56.8360, -6.1313, 27.3950



28.4666, 1.7616, 0.1437



27.3578, 50.3516, -9.4573



4.6652, 8.7624, -2.9788

Previews

White Background



This preview shows how the HunterLab color 48.5898, -11.4960, -17.2729 looks on a white background.

Color Contrast Check

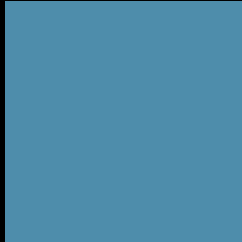
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.5898, -11.4960, -17.2729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

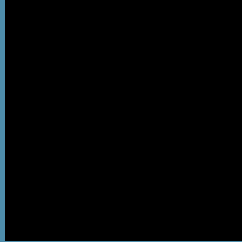
Any Text WCAG AA ✓ Pass

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 48.5898, -11.4960, -17.2729 Background



This preview shows how black text looks on a background with the HunterLab color 48.5898, -11.4960, -17.2729.



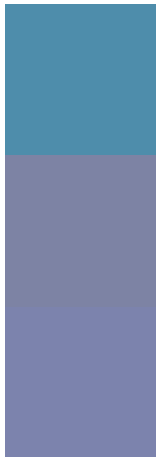
This preview shows how white text looks on a background with the HunterLab color 48.5898, -11.4960, -17.2729.

-11.4960, -17.2729.

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

48.5898, -11.4960, -17.2729

Protanopia

48.2420, 1.6947, -13.4091

Deuteranopia

48.5127, 3.3040, -18.3669



Tritanopia

48.6732, -17.1048, -8.0817

Trichromacy



Original Color

48.5898, -11.4960, -17.2729

Protanomaly

48.2764, -3.7927, -15.2184

Deuteranomaly

48.4069, -2.9466, -18.0280

Tritanomaly

48.6559, -15.1523, -11.3713

Monochromacy



Original Color

48.5898, -11.4960, -17.2729

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

46.2999, -6.5965, -4.3569

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.5898, -11.4960, -17.2729 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(78, 141, 171)` looks like.

```
.text, #text, p{  
    color:rgb(78, 141, 171)  
}
```

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(78, 141, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 141, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 48.5898, -11.4960, -17.2729 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(78, 141, 171) }
```


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

```
.border{ border-color:rgb(78, 141, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 141, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 141, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 141, 171);  
box-shadow:4px 4px 4px 4px rgb(78, 141,  
171) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.5898, -11.4960, -17.2729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 141, 171) }
```

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

```
.background{ background-color: rgb(78, 141,  
171) }
```

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