

Converting Colors

HunterLab(48.5400, -18.9727,
-3.2406)

Have a look what the booklet for
HunterLab(48.5400, -18.9727,
-3.2406) contains.

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Color

**HunterLab(48.3811,
-18.8775, -3.3465)**

Conversions

Conversions Part 1

Format	Color
Hex	499091
RGB	73, 144, 145
RGB Percent	29%, 56%, 57%
CMY	0.7137, 0.4353, 0.4314
CMYK	0.50, 0.01, 0.00, 0.43
HSL	181°, 33%, 43%
HSV	181°, 50%, 57%
XYZ	17.8317, 23.4073, 30.3663
YIQ	122.8850, -42.6370, -14.7410

Conversions

Conversions Part 2

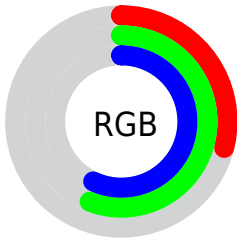
Format	Color
R_{YB}	73, 109, 145
Decimal	4821137
CIE _{Lab}	55.49, -21.91, -7.41
CIE _{LCh}	55, 23.129, 198.688
Yxy	23.4082, 0.2490, 0.3269
Android (android.graphics.Color)	4283011217 (0xFF499091)
YUV	122.8850, 10.9027, -43.7491
Hunter-Lab	48.3811, -18.8775, -3.3465

Details

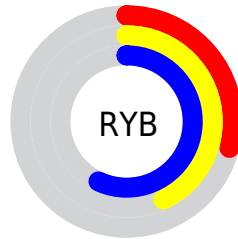
The HunterLab color $48.3811, -18.8775, -3.3465$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $33.7620, 21.9603, 10.1181$, and the grayscale version is $44.4319, -2.3708, 2.4141$.

A 20% lighter version of the original color is $70.0169, -22.4529, -3.0037$, and $29.5069, -14.8561, -3.8324$ is the 20% darker color. If you saturate the color by 10%, you get $47.7969, -20.7980, -4.1418$, and if you desaturate by 10%, it is $49.0950, -16.4988, -2.3881$.

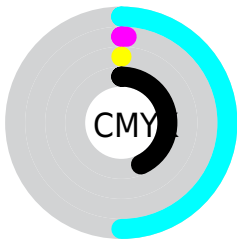
Distribution



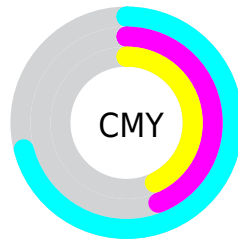
- Red (29%)
- Green (56%)
- Blue (57%)



- Red (29%)
- Yellow (43%)
- Blue (57%)



- Cyan (50%)
- Magenta (1%)
- Yellow (0%)
- Black (43%)



- Cyan (71%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.3811, -18.8775, -3.3465 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 48.3811, -18.8775, -3.3465 by changing the saturation by 10% instead.

■ 48.3811, -18.8775,
-3.3465

■ 48.3811, -18.8775,
-3.3465

164.2604,
-34.2693, 0.2463

■ 38.5943, -16.9944,
-3.4979

■ 70.0448, -22.4685,
-2.8648

■ 29.5734, -15.0204,
-3.5818

■ 81.8371, -24.2055,
-2.5463

■ 21.3911, -12.9138,
-3.5876

■ 94.2256, -25.9164,
-2.1814

■ 14.1442, -10.6012,
-3.5028

■ 107.1829,
-27.6081, -1.7730

■ 7.7963, -12.6624,
-3.6412

■ 120.6851,
-29.2856, -1.3239

0.0000, NaN, NaN

0.0000, NaN, NaN

134.7111,

-30.9530, -0.8364

0.0000, NaN, NaN

149.2418,
-32.6134, -0.3124

0.0000, NaN, NaN

■ 48.3811, -18.8775,
-3.3465

■ 48.3811, -18.8775,
-3.3465

■ 47.7969, -20.7980,
-4.1418

■ 49.0950, -16.4988,
-2.3881

■ 47.3345, -22.2628,
-4.7771

■ 49.9386, -13.6693,
-1.2722

■ 46.9872, -23.2896,
-5.2571

■ 50.9141, -10.4071,
-0.0046

■ 46.7444, -23.9114,
-5.5932

■ 52.0209, -6.7381,
1.4054

■ 46.5742, -24.2491,
-5.8280

■ 53.2571, -2.6932,
2.9466

■ 46.5685, -24.2601,
-5.8360

■ 54.6197, 1.6932,
4.6070

■ 56.1048, 6.3851,
6.3739

■ 57.7078, 11.3469,
8.2349

■ 59.4237, 16.5441,
10.1780

Harmonies

Analogous

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



48.3820, -19.4074, 5.9571



48.3811, -18.8775, -3.3465



48.3820, -14.1916, -12.5224

Triad

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



48.3820, -18.8778, -3.3458



48.3820, 12.0968, -10.4713



48.3820, 1.0951, 16.8971

Complementary

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



48.3811, -18.8775, -3.3465



33.7620, 21.9603, 10.1181

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.



48.3820, 10.2326, 14.0665



48.3811, -18.8775, -3.3465



48.3820, 16.9071, -0.9439

Square

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



48.3820, -18.8778, -3.3458



48.3820, 3.4819, -17.1585



48.3820, 16.1994, 7.9355



48.3820, -8.3653, 16.5043

Rectangle

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



48.3811, -18.8775, -3.3465



48.3820, -9.1203, -16.7774



48.3820, 16.1994, 7.9355



48.3820, 4.3186, 16.3174

Sweetspot

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



48.3820, -18.8778, -3.3458



68.7556, -11.8603, 0.7903



47.0625, -28.9710, 20.5508



32.3006, -6.0206, 0.2086



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



48.3820, -18.8778, -3.3458



63.8530, -28.1859, -5.6928



37.9456, -3.7101, -18.5401



24.7056, -3.1071, 0.7009



43.1324, -22.4727, -5.3998



4.2489, -2.2348, -0.4864

Inverse Universe

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



35.7757, 32.6615, -21.1130



44.1264, 54.0219, -35.1310



41.7596, 5.3520, 16.8756



23.4729, 1.6833, -0.6923



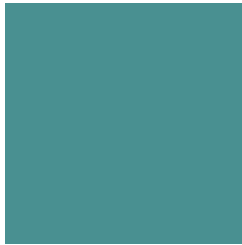
26.2001, 51.3608, -33.3986



2.5671, 5.0401, -3.3334

Previews

White Background



This preview shows how the HunterLab color 48.3811, -18.8775, -3.3465 looks on a white background.

Color Contrast Check

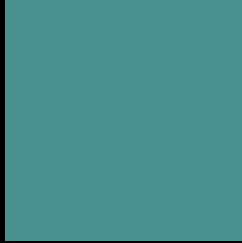
Large Text (above 18pt) WCAG AA ✓ Pass

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 48.3811, -18.8775, -3.3465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

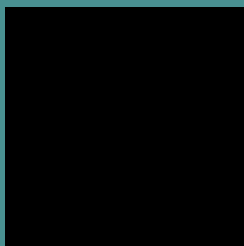
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

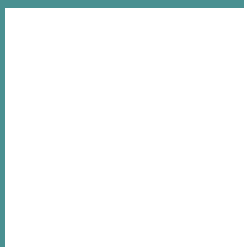
Any Text WCAG AAA × Fail

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

HunterLab 48.3811, -18.8775, -3.3465 Background



This preview shows how black text looks on a background with the HunterLab color 48.3811, -18.8775, -3.3465.



This preview shows how white text looks on a background with the HunterLab color 48.3811,

-18.8775, -3.3465.

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

48.3811, -18.8775, -3.3465

Protanopia

47.9847, -1.0017, 0.3075

Deuteranopia

48.2099, 3.2975, -4.6917



Tritanopia

48.4918, -16.2619, -7.7839

Trichromacy



Original Color

48.3811, -18.8775, -3.3465

Protanomaly

47.8344, -8.7294, -1.4303

Deuteranomaly

47.6804, -5.8305, -5.0466

Tritanomaly

48.3478, -17.0082, -6.4105

Monochromacy



Original Color

48.3811, -18.8775, -3.3465

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

45.6887, -9.4801, 0.1221

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.3811, -18.8775, -3.3465 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(73, 144, 145)` looks like.

```
.text, #text, p{  
    color:rgb(73, 144, 145)  
}
```

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(73, 144, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 144, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 48.3811, -18.8775, -3.3465 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(73, 144, 145) }
```


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

```
.border{ border-color:rgb(73, 144, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 144, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 144, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 144, 145);  
box-shadow:4px 4px 4px 4px rgb(73, 144,  
145) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.3811, -18.8775, -3.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 144, 145) }
```

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

```
.background{ background-color: rgb(73, 144,  
145) }
```

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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