

Converting Colors

HunterLab(48.8245, -18.5834,
-17.5849)

Have a look what the booklet for
HunterLab(48.8245, -18.5834,
-17.5849) contains.

HunterLab(48.8136, -18.5401, -17.6522)	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(48.8136,
-18.5401, -17.6522)**

Conversions

Conversions Part 1

Format	Color
Hex	1F92AC
RGB	31, 146, 172
RGB Percent	12%, 57%, 67%
CMY	0.8784, 0.4274, 0.3255
CMYK	0.82, 0.15, 0.00, 0.33
HSL	191°, 69%, 40%
HSV	191°, 82%, 67%
XYZ	18.2904, 23.8277, 42.6649
YIQ	114.5790, -76.8860, -16.2940

Conversions

Conversions Part 2

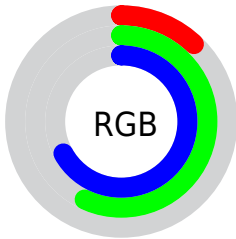
Format	Color
R _Y B	31, 94, 172
Decimal	2069164
CIE Lab	55.92, -21.31, -22.36
CIE LCh	56, 30.889, 226.379
Yxy	23.8285, 0.2157, 0.2810
Android (android.graphics.Color)	4280259244 (0xFF1F92AC)
YUV	114.5790, 28.3086, -73.2988
Hunter-Lab	48.8136, -18.5401, -17.6522

Details

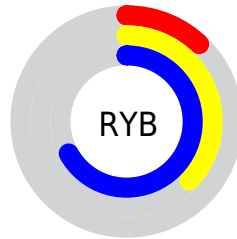
The HunterLab color **48.8136, -18.5401, -17.6522** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **34.3471, 37.2038, 19.5765**, and the grayscale version is **41.1612, -2.1963, 2.2364**.

A 20% lighter version of the original color is **70.4836, -22.0490, -18.0861**, and **30.8877, -10.8128, -15.2653** is the 20% darker color. If you saturate the color by 10%, you get **47.6072, -17.9911, -19.5878**, and if you desaturate by 10%, it is **50.1619, -18.5691, -15.5482**.

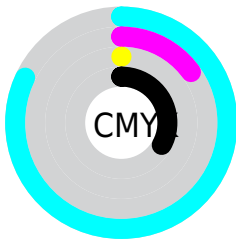
Distribution



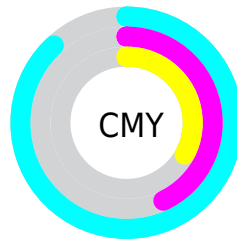
- Red (12%)
- Green (57%)
- Blue (67%)



- Red (12%)
- Yellow (37%)
- Blue (67%)



- Cyan (82%)
- Magenta (15%)
- Yellow (0%)
- Black (33%)



- Cyan (88%)
- Magenta (43%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.8136, -18.5401, -17.6522 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 48.8136, -18.5401, -17.6522 by changing the saturation by 10% instead.

■ 48.8136, -18.5401,
-17.6522

■ 48.8136, -18.5401,
-17.6522

164.9098,
-33.6618, -18.7092

■ 38.9955, -16.6991,
-17.2417

■ 70.5338, -22.0568,
-18.2827

■ 29.9406, -14.7730,
-16.7759

■ 82.3521, -23.7609,
-18.5056

■ 21.7209, -12.7222,
-16.2763

■ 94.7653, -25.4411,
-18.6699

■ 14.4318, -10.4776,
-15.8126

■ 107.7463,
-27.1037, -18.7784

■ 8.0926, -11.9065,
-16.0317

■ 121.2712,
-28.7537, -18.8341

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 135.3190,

-30.3947, -18.8395

0.0000, NaN, NaN

149.8708,
-32.0299, -18.7971

0.0000, NaN, NaN

■ 48.8136, -18.5401,
-17.6522

■ 48.8136, -18.5401,
-17.6522

■ 47.6072, -17.9911,
-19.5878

■ 50.1619, -18.5691,
-15.5482

■ 46.7093, -17.2878,
-21.0632

■ 51.6579, -18.0505,
-13.2812

■ 53.3061, -16.9800,
-10.8619

■ 55.1061, -15.3707,
-8.3065

■ 57.0554, -13.2480,
-5.6335

■ 59.1495, -10.6450,
-2.8616

■ 61.3828, -7.5993,
-0.0088

■ 63.7489, -4.1504,
2.9089

■ 66.2411, -0.3373,
5.8770

Harmonies

Analogous

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



48.8145, -24.1616, -4.4614



48.8136, -18.5401, -17.6522



48.8145, -8.3020, -26.2205

Triad

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



48.8145, -18.5399, -17.6514



48.8145, 23.8594, -3.2211



48.8145, -9.3941, 20.2823

Complementary

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



48.8136, -18.5401, -17.6522



34.3471, 37.2038, 19.5765

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.



48.8145, 3.3612, 20.4515



48.8136, -18.5401, -17.6522



48.8145, 23.4888, 8.8426

Square

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



48.8145, -18.5399, -17.6514



48.8145, 16.6391, -16.5429



48.8145, 15.6738, 16.8164



48.8145, -19.2678, 16.2724

Rectangle

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



48.8136, -18.5401, -17.6522



48.8145, 0.1739, -27.0210



48.8145, 15.6738, 16.8164



48.8145, -5.3274, 20.7461

Sweetspot

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



48.8145, -18.5399, -17.6514



78.6653, -15.6277, -5.1667



54.8552, -43.7591, 28.8712



36.2264, -7.8384, -2.9990



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.



48.8145, -18.5399, -17.6514



62.9682, -23.2415, -28.2759



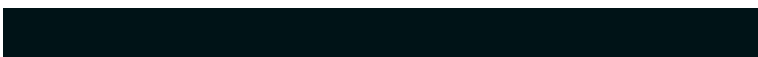
28.9693, 14.4515, -61.7775



29.6937, -3.2183, 0.3647



40.3852, -15.0365, -18.0186



7.1966, -3.1123, -2.2766

Inverse Universe

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



34.3902, 57.6001, -24.6858



44.1169, 82.8135, -32.1964



49.1328, 4.4659, 28.7882



28.4997, 1.9395, -0.3279



28.1949, 53.3305, -20.8957



4.7710, 9.1359, -4.4004

Previews

White Background



This preview shows how the HunterLab color 48.8136, -18.5401, -17.6522 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 48.8136, -18.5401, -17.6522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

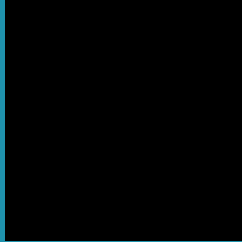
Any Text WCAG AA ✓ Pass

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 48.8136, -18.5401, -17.6522 Background



This preview shows how black text looks on a background with the HunterLab color 48.8136, -18.5401, -17.6522.



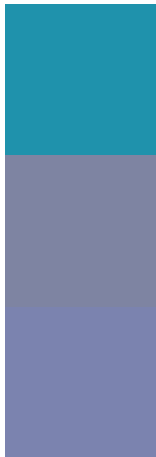
This preview shows how white text looks on a background with the HunterLab color 48.8136, -18.5401, -17.6522.

-18.5401, -17.6522.

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

48.8136, -18.5401, -17.6522

Protanopia

48.5250, 1.0740, -11.8459

Deuteranopia

48.5167, 3.4782, -19.6067



Tritanopia

48.7672, -22.8979, -10.7847

Trichromacy



Original Color

48.8136, -18.5401, -17.6522

Protanomaly

47.8212, -8.5002, -15.4101

Deuteranomaly

47.7891, -6.4603, -20.3472

Tritanomaly

48.6584, -21.3801, -13.1872

Monochromacy



Original Color

48.8136, -18.5401, -17.6522

Achromatopsia

41.4054, -2.2093, 2.2496

Achromatomaly

43.1093, -11.0090, -5.6642

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.8136, -18.5401, -17.6522 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(31, 146, 172)` looks like.

```
.text, #text, p{  
    color:rgb(31, 146, 172)  
}
```

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(31, 146, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 146, 172) }
```

Border

The CSS property to change the border of an element to HunterLab 48.8136, -18.5401, -17.6522 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(31, 146, 172) }
```


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

```
.border{ border-color:rgb(31, 146, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 146, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 146, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 146, 172);  
box-shadow:4px 4px 4px 4px rgb(31, 146,  
172) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.8136, -18.5401, -17.6522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 146, 172) }
```

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

```
.background{ background-color: rgb(31, 146,  
172) }
```

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