

Converting Colors

HunterLab(48.4265, -17.6505,
-20.7102)

Have a look what the booklet for
HunterLab(48.4265, -17.6505,
-20.7102) contains.

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Color

**HunterLab(48.5120,
-17.7437, -20.6177)**

Conversions

Conversions Part 1

Format	Color
Hex	1491B0
RGB	20, 145, 176
RGB Percent	8%, 57%, 69%
CMY	0.9215, 0.4314, 0.3098
CMYK	0.89, 0.18, 0.00, 0.31
HSL	192°, 80%, 38%
HSV	192°, 89%, 69%
XYZ	18.2504, 23.5341, 44.6550
YIQ	111.1590, -84.4510, -16.8590

Conversions

Conversions Part 2

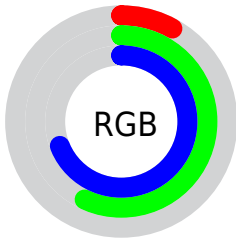
Format	Color
R_{YB}	20, 89, 176
Decimal	1348016
CIE _{Lab}	55.62, -20.24, -25.11
CIE _{LCh}	56, 32.255, 231.130
Yxy	23.5350, 0.2111, 0.2723
Android (android.graphics.Color)	4279538096 (0xFF1491B0)
YUV	111.1590, 31.9666, -79.9464
Hunter-Lab	48.5120, -17.7437, -20.6177

Details

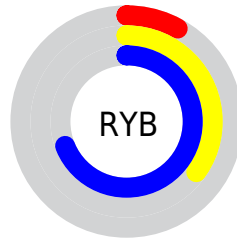
The HunterLab color **48.5120, -17.7437, -20.6177** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **34.1322, 40.7609, 20.5945**, and the grayscale version is **39.8382, -2.1257, 2.1645**.

A 20% lighter version of the original color is **70.1924, -21.0503, -21.6024**, and **30.7172, -9.7196, -17.4120** is the 20% darker color. If you saturate the color by 10%, you get **47.2748, -16.7818, -22.6776**, and if you desaturate by 10%, it is **49.8763, -18.2459, -18.4132**.

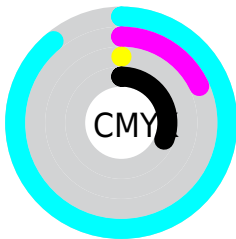
Distribution



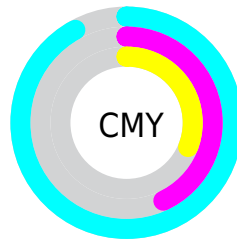
- Red (8%)
- Green (57%)
- Blue (69%)



- Red (8%)
- Yellow (35%)
- Blue (69%)



- Cyan (89%)
- Magenta (18%)
- Yellow (0%)
- Black (31%)



- Cyan (92%)
- Magenta (43%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.5120, -17.7437, -20.6177 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 48.5120, -17.7437, -20.6177 by changing the saturation by 10% instead.

■ 48.5120, -17.7437,
-20.6177

■ 48.5120, -17.7437,
-20.6177

164.4570,
-32.4060, -22.4171

■ 38.7157, -15.9703,
-20.1362

■ 70.1928, -21.1389,
-21.4091

■ 29.6845, -14.1183,
-19.6142

■ 81.9929, -22.7877,
-21.7161

■ 21.4908, -12.1500,
-19.0889

■ 94.3889, -24.4156,
-21.9649

■ 14.2311, -9.9993,
-18.6683

■ 107.3534,
-26.0283, -22.1578

■ 7.8872, -11.6045,
-19.3228

■ 120.8625,
-27.6305, -22.2971

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 134.8951,

-29.2257, -22.3852

0.0000, NaN, NaN

149.4322,
-30.8168, -22.4245

0.0000, NaN, NaN

■ 48.5120, -17.7437,
-20.6177

■ 48.5120, -17.7437,
-20.6177

■ 47.2748, -16.7818,
-22.6776

■ 49.8763, -18.2459,
-18.4132

■ 47.1076, -16.6394,
-22.9609

■ 51.3894, -18.1972,
-16.0423

■ 53.0584, -17.5795,
-13.5124

■ 54.8847, -16.3970,
-10.8391

■ 56.8665, -14.6700,
-8.0413

■ 58.9997, -12.4290,
-5.1391

■ 61.2790, -9.7111,
-2.1518

■ 63.6978, -6.5564,
0.9030

■ 66.2491, -3.0057,
4.0096

Harmonies

Analogous

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



48.5129, -24.3869, -7.0656



48.5120, -17.7437, -20.6177



48.5129, -6.5056, -28.4051

Triad

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



48.5129, -17.7435, -20.6169



48.5129, 25.6221, -1.2982



48.5129, -11.5455, 20.4083

Complementary

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



48.5120, -17.7437, -20.6177



34.1322, 40.7609, 20.5945

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.



48.5129, 1.4516, 21.1696



48.5120, -17.7437, -20.6177



48.5129, 23.8955, 10.6809

Square

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



48.5129, -17.7435, -20.6169



48.5129, 19.1740, -15.4239



48.5129, 14.6845, 18.1261



48.5129, -21.0882, 15.6557

Rectangle

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



48.5120, -17.7437, -20.6177



48.5129, 2.4901, -28.1395



48.5129, 14.6845, 18.1261



48.5129, -7.4715, 21.0769

Sweetspot

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



48.5129, -17.7435, -20.6169



79.8000, -16.3482, -6.4626



56.0522, -45.9902, 30.7052



36.6920, -8.1221, -3.6201



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



48.5129, -17.7435, -20.6169



63.1827, -22.0567, -31.3589



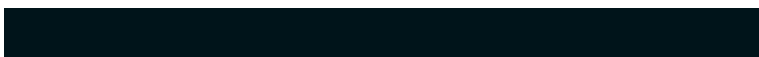
27.5515, 18.3809, -71.0928



30.5596, -3.2677, 0.3299



40.4539, -14.3929, -19.4938



7.6686, -3.2069, -2.6622

Inverse Universe

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



34.3156, 60.9718, -24.0729



44.9405, 84.6521, -30.5732



49.3540, 6.1097, 29.7225



29.3551, 1.9943, -0.2951



28.6220, 53.9768, -19.9598



5.1492, 9.8292, -4.5098

Previews

White Background



This preview shows how the HunterLab color 48.5120, -17.7437, -20.6177 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 48.5120, -17.7437, -20.6177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

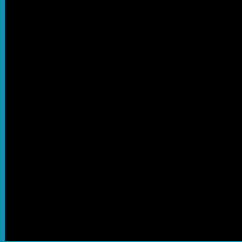
Any Text WCAG AA ✓ Pass

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 48.5120, -17.7437, -20.6177 Background



This preview shows how black text looks on a background with the HunterLab color 48.5120, -17.7437, -20.6177.



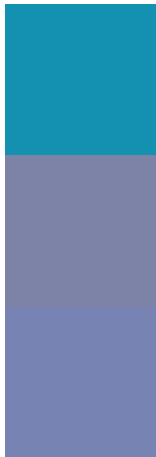
This preview shows how white text looks on a background with the HunterLab color 48.5120, -17.7437, -20.6177.

-17.7437, -20.6177.

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

48.5120, -17.7437, -20.6177

Protanopia

48.2399, 1.8385, -14.5829

Deuteranopia

48.3831, 3.3592, -22.3896



Tritanopia

48.3432, -22.9689, -10.8416

Trichromacy



Original Color

48.5120, -17.7437, -20.6177

Protanomaly

47.4226, -8.0944, -18.4673

Deuteranomaly

47.6043, -6.7869, -23.2441

Tritanomaly

48.2903, -21.0852, -14.3186

Monochromacy



Original Color

48.5120, -17.7437, -20.6177

Achromatopsia

39.8699, -2.1274, 2.1662

Achromatomaly

41.8747, -11.0534, -6.8451

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.5120, -17.7437, -20.6177 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(20, 145, 176)` looks like.

```
.text, #text, p{  
    color:rgb(20, 145, 176)  
}
```

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(20, 145, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 145, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 48.5120, -17.7437, -20.6177 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(20, 145, 176) }
```


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

```
.border{ border-color:rgb(20, 145, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 145, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 145, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 145, 176);  
box-shadow:4px 4px 4px 4px rgb(20, 145,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.5120, -17.7437, -20.6177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 145, 176) }
```

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

```
.background{ background-color: rgb(20, 145,  
176) }
```

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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