

Converting Colors

HunterLab(49.9101, -17.9829,
-22.0973)

Have a look what the booklet for
HunterLab(49.9101, -17.9829,
-22.0973) contains.

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Color

**HunterLab(50.0009,
-18.1006, -21.9844)**

Conversions

Conversions Part 1

Format	Color
Hex	1295B6
RGB	18, 149, 182
RGB Percent	7%, 58%, 71%
CMY	0.9293, 0.4157, 0.2863
CMYK	0.90, 0.18, 0.00, 0.29
HSL	192°, 82%, 39%
HSV	192°, 90%, 71%
XYZ	19.4404, 25.0009, 48.0571
YIQ	113.5930, -88.6690, -17.5090

Conversions

Conversions Part 2

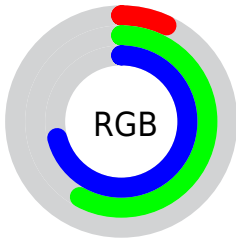
Format	Color
R_{YB}	18, 91, 182
Decimal	1217974
CIE _{Lab}	57.08, -20.39, -26.28
CIE _{LCh}	57, 33.262, 232.196
Yxy	25.0018, 0.2102, 0.2703
Android (android.graphics.Color)	4279408054 (0xFF1295B6)
YUV	113.5930, 33.7247, -83.8351
Hunter-Lab	50.0009, -18.1006, -21.9844

Details

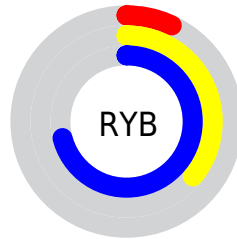
The HunterLab color **50.0009, -18.1006, -21.9844** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **35.1547, 43.0048, 21.4482**, and the grayscale version is **40.7663, -2.1752, 2.2149**.

A 20% lighter version of the original color is **71.7897, -21.3656, -22.9425**, and **32.1253, -9.9340, -18.7092** is the 20% darker color. If you saturate the color by 10%, you get **48.7268, -17.0382, -24.1236**, and if you desaturate by 10%, it is **51.4095, -18.7347, -19.6903**.

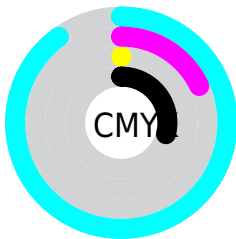
Distribution



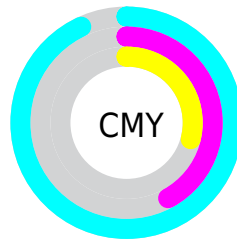
- Red (7%)
- Green (58%)
- Blue (71%)



- Red (7%)
- Yellow (36%)
- Blue (71%)



- Cyan (90%)
- Magenta (18%)
- Yellow (0%)
- Black (29%)



- Cyan (93%)
- Magenta (42%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0009, -18.1006, -21.9844 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 50.0009, -18.1006, -21.9844 by changing the saturation by 10% instead.

50.0009, -18.1006,
-21.9844

50.0009, -18.1006,
-21.9844

166.6874,
-32.8041, -24.0093

40.0979, -16.3271,
-21.4838

71.8750, -21.5011,
-22.8209

30.9510, -14.4781,
-20.9467

83.7639, -23.1540,
-23.1524

22.6299, -12.5182,
-20.4114

96.2444, -24.7865,
-23.4267

15.2267, -10.3866,
-19.9851

109.2897,
-26.4043, -23.6454

8.8515, -10.5097,
-20.0962

122.8763,
-28.0118, -23.8108

0.0000, NaN, -NF

0.0000, NaN, -NF

136.9836,

-29.6125, -23.9251

0.0000, NaN, NaN

151.5928,
-31.2092, -23.9906

0.0000, NaN, NaN

■ 50.0009, -18.1006,
-21.9844

■ 50.0009, -18.1006,
-21.9844

■ 48.7268, -17.0382,
-24.1236

■ 51.4095, -18.7347,
-19.6903

■ 52.9720, -18.7995,
-17.2230

■ 54.6967, -18.2716,
-14.5891

■ 56.5856, -17.1528,
-11.8042

■ 58.6371, -15.4621,
-8.8880

■ 60.8473, -13.2305,
-5.8616

■ 63.2106, -10.4960,
-2.7452

■ 65.7202, -7.3005,
0.4423

■ 68.3687, -3.6865,
3.6843

Harmonies

Analogous

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



50.0018, -25.1999, -7.9313



50.0009, -18.1006, -21.9844



50.0018, -6.2677, -29.8084

Triad

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



50.0018, -18.1003, -21.9835



50.0018, 26.8375, -0.8755



50.0018, -12.4235, 21.0777

Complementary

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



50.0009, -18.1006, -21.9844



35.1547, 43.0048, 21.4482

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.



50.0018, 1.0310, 22.0028



50.0009, -18.1006, -21.9844



50.0018, 24.7244, 11.4484

Square

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



50.0018, -18.1003, -21.9835



50.0018, 20.3840, -15.6210



50.0018, 14.8915, 19.0005



50.0018, -22.1821, 15.9930

Rectangle

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



50.0009, -18.1006, -21.9844



50.0018, 3.1343, -29.2684



50.0018, 14.8915, 19.0005



50.0018, -8.2223, 21.8164

Sweetspot

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



50.0018, -18.1003, -21.9835



82.7494, -16.9057, -6.7951



58.1572, -47.8431, 31.8270



38.3945, -8.4907, -3.8565



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



50.0018, -18.1003, -21.9835



65.3467, -22.5827, -32.9281



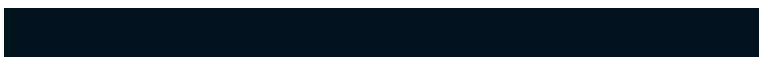
27.4706, 21.5413, -78.2147



31.4568, -3.3607, 0.3269



41.0638, -14.4769, -20.0748



8.2068, -3.3798, -2.9618

Inverse Universe

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



35.4239, 63.6461, -24.6495



46.6079, 87.7401, -31.2973



51.6830, 5.4383, 31.2844



30.2174, 2.0646, -0.3025



29.1283, 54.9005, -20.0711



5.5415, 10.5638, -4.7427

Previews

White Background



This preview shows how the HunterLab color 50.0009, -18.1006, -21.9844 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 50.0009, -18.1006, -21.9844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

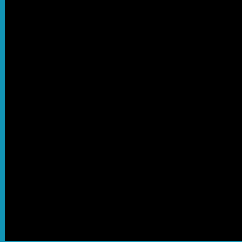
Any Text WCAG AA ✓ Pass

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 50.0009, -18.1006, -21.9844 Background



This preview shows how black text looks on a background with the HunterLab color 50.0009, -18.1006, -21.9844.



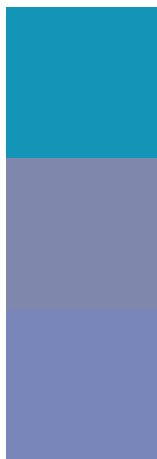
This preview shows how white text looks on a background with the HunterLab color 50.0009,

-18.1006, -21.9844.

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

50.0009, -18.1006, -21.9844

Protanopia

49.8182, 1.9021, -15.7193

Deuteranopia

49.6165, 3.7127, -24.2093



Tritanopia

49.7771, -23.7187, -11.0152

Trichromacy



Original Color

50.0009, -18.1006, -21.9844

Protanomaly

48.9050, -8.4058, -19.8086

Deuteranomaly

48.7963, -6.5968, -25.1469

Tritanomaly

49.7596, -21.6131, -15.0309

Monochromacy



Original Color

50.0009, -18.1006, -21.9844

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

43.2494, -11.8216, -7.0423

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.0009, -18.1006, -21.9844 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(18, 149, 182)` looks like.

```
.text, #text, p{  
    color:rgb(18, 149, 182)  
}
```

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(18, 149, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 149, 182) }
```

Border

The CSS property to change the border of an element to HunterLab 50.0009, -18.1006, -21.9844 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(18, 149, 182) }
```


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

```
.border{ border-color:rgb(18, 149, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 149, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 149, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 149, 182);  
box-shadow:4px 4px 4px 4px rgb(18, 149,  
182) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.0009, -18.1006, -21.9844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 149, 182) }
```

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

```
.background{ background-color: rgb(18, 149,  
182) }
```

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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