

Converting Colors

HunterLab(50.0167, -20.5526,
-12.4387)

Have a look what the booklet for
HunterLab(50.0167, -20.5526,
-12.4387) contains.

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Color

**HunterLab(50.0794,
-20.6809, -12.2149)**

Conversions

Conversions Part 1

Format	Color
Hex	2B96A6
RGB	43, 150, 166
RGB Percent	17%, 59%, 65%
CMY	0.8313, 0.4118, 0.3490
CMYK	0.74, 0.10, 0.00, 0.35
HSL	188°, 59%, 41%
HSV	188°, 74%, 65%
XYZ	18.7855, 25.0795, 39.9271
YIQ	119.8310, -68.9080, -17.7080

Conversions

Conversions Part 2

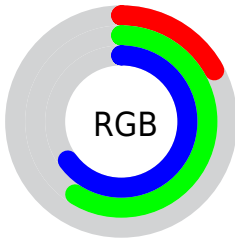
Format	Color
R _Y B	43, 100, 166
Decimal	2856614
CIE Lab	57.15, -24.06, -17.03
CIE LCh	57, 29.478, 215.281
Yxy	25.0804, 0.2242, 0.2993
Android (android.graphics.Color)	4281046694 (0xFF2B96A6)
YUV	119.8310, 22.7613, -67.3808
Hunter-Lab	50.0794, -20.6809, -12.2149

Details

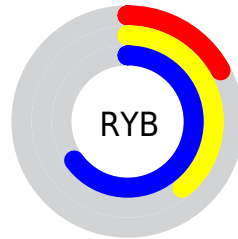
The HunterLab color **50.0794, -20.6809, -12.2149** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **33.7790, 34.5601, 17.4065**, and the grayscale version is **43.2079, -2.3055, 2.3476**.

A 20% lighter version of the original color is **71.8292, -24.2401, -12.6284**, and **31.8411, -13.6824, -10.2623** is the 20% darker color. If you saturate the color by 10%, you get **49.1007, -20.9081, -13.6739**, and if you desaturate by 10%, it is **51.1964, -19.9409, -10.5824**.

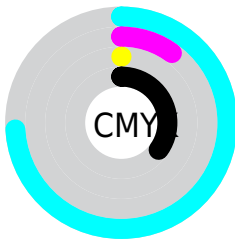
Distribution



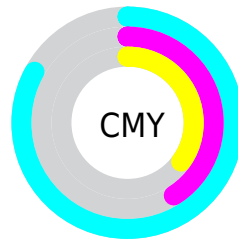
- Red (17%)
- Green (59%)
- Blue (65%)



- Red (17%)
- Yellow (39%)
- Blue (65%)



- Cyan (74%)
- Magenta (10%)
- Yellow (0%)
- Black (35%)



- Cyan (83%)
- Magenta (41%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0794, -20.6809, -12.2149 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 50.0794, -20.6809, -12.2149 by changing the saturation by 10% instead.

■ 50.0794, -20.6809,
-12.2149

■ 50.0794, -20.6809,
-12.2149

166.8047,
-36.9777, -11.6812

■ 40.1708, -18.6693,
-11.9802

■ 71.9636, -24.5059,
-12.4794

■ 31.0179, -16.5579,
-11.6742

■ 83.8571, -26.3510,
-12.5191

■ 22.6903, -14.3032,
-11.2979

■ 96.3421, -28.1652,
-12.5022

■ 15.2795, -11.8304,
-10.8688

■ 109.3916,
-29.9558, -12.4324

■ 8.8992, -12.2582,
-10.5162

■ 122.9823,
-31.7283, -12.3127

0.0000, NaN, -NF

0.0000, NaN, NaN

137.0934,

-33.4872, -12.1460

0.0000, NaN, NaN

151.7065,
-35.2361, -11.9347

0.0000, NaN, NaN

■ 50.0794, -20.6809,
-12.2149

■ 50.0794, -20.6809,
-12.2149

■ 49.1007, -20.9081,
-13.6739

■ 51.1964, -19.9409,
-10.5824

■ 48.2461, -20.6613,
-14.9678

■ 52.4552, -18.6726,
-8.7818

■ 47.7739, -20.3922,
-15.6923

■ 53.8598, -16.8787,
-6.8214

■ 55.4102, -14.5754,
-4.7146

■ 57.1043, -11.7887,
-2.4767

■ 58.9386, -8.5512,
-0.1240

■ 60.9083, -4.8996,
2.3273

■ 63.0080, -0.8718,
4.8619

■ 65.2316, 3.4943,
7.4658

Harmonies

Analogous

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



50.0803, -24.2630, 0.5943



50.0794, -20.6809, -12.2149



50.0803, -12.2551, -22.5464

Triad

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



50.0803, -20.6809, -12.2141



50.0803, 20.8616, -7.7098



50.0803, -4.8494, 20.4527

Complementary

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



50.0794, -20.6809, -12.2149



33.7790, 34.5601, 17.4065

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.



50.0803, 7.6846, 19.2552



50.0794, -20.6809, -12.2149



50.0803, 23.3312, 4.7679

Square

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



50.0803, -20.6809, -12.2141



50.0803, 11.8455, -19.5341



50.0803, 18.3004, 14.1312



50.0803, -15.7088, 17.9249

Rectangle

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



50.0794, -20.6809, -12.2149



50.0803, -4.6202, -25.5365



50.0803, 18.3004, 14.1312



50.0803, -0.6993, 20.4641

Sweetspot

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



50.0803, -20.6809, -12.2141



77.3323, -15.1887, -2.8135



52.9958, -40.9382, 27.5559



36.2902, -7.6862, -1.7110



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



50.0803, -20.6809, -12.2141



65.3741, -28.0158, -19.5890



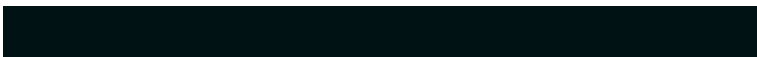
32.5662, 6.3105, -45.5038



28.9190, -3.3086, 0.5025



42.1265, -18.0308, -13.7310



6.9020, -3.2318, -1.6505

Inverse Universe

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



34.6952, 52.9604, -27.0039



43.7616, 79.8062, -38.9321



46.3038, 6.6370, 25.7209



27.6579, 1.9343, -0.4907



28.0403, 53.6401, -25.4485



4.4249, 8.5461, -4.6467

Previews

White Background



This preview shows how the HunterLab color 50.0794, -20.6809, -12.2149 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 50.0794, -20.6809, -12.2149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

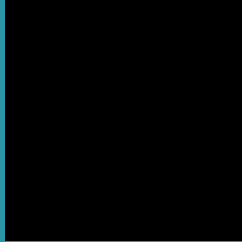
Any Text WCAG AA ✓ Pass

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 50.0794, -20.6809, -12.2149 Background



This preview shows how black text looks on a background with the HunterLab color 50.0794, -20.6809, -12.2149.



This preview shows how white text looks on a background with the HunterLab color 50.0794,

-20.6809, -12.2149.

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

50.0794, -20.6809, -12.2149

Protanopia

49.7140, 0.3856, -6.8707

Deuteranopia

49.8578, 3.3150, -14.4447



Tritanopia

50.2484, -21.8895, -10.3057

Trichromacy



Original Color

50.0794, -20.6809, -12.2149

Protanomaly

48.9934, -9.3056, -10.2206

Deuteranomaly

49.3255, -7.4474, -14.8552

Tritanomaly

50.3049, -21.6000, -10.7757

Monochromacy



Original Color

50.0794, -20.6809, -12.2149

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

45.0711, -11.3681, -3.5597

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.0794, -20.6809, -12.2149 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(43, 150, 166)` looks like.

```
.text, #text, p{  
    color:rgb(43, 150, 166)  
}
```

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(43, 150, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 150, 166) }
```

Border

The CSS property to change the border of an element to HunterLab 50.0794, -20.6809, -12.2149 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(43, 150, 166) }
```


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

```
.border{ border-color:rgb(43, 150, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 150, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 150, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 150, 166);  
box-shadow:4px 4px 4px 4px rgb(43, 150,  
166) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.0794, -20.6809, -12.2149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 150, 166) }
```

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

```
.background{ background-color: rgb(43, 150,  
166) }
```

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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