

Converting Colors

HunterLab(50.9519, -12.6977,
5.0375)

Have a look what the booklet for
HunterLab(50.9519, -12.6977,
5.0375) contains.

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Color

**HunterLab(51.0499,
-12.6990, 5.0396)**

Conversions

Conversions Part 1

Format	Color
Hex	759286
RGB	117, 146, 134
RGB Percent	46%, 57%, 53%
CMY	0.5412, 0.4274, 0.4745
CMYK	0.20, 0.00, 0.08, 0.43
HSL	155°, 12%, 52%
HSV	155°, 20%, 57%
XYZ	21.9181, 26.0609, 26.4293
YIQ	135.9610, -13.4320, -9.8800

Conversions

Conversions Part 2

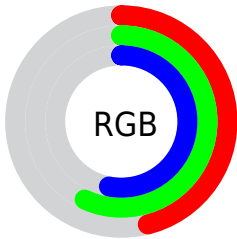
Format	Color
R_{YB}	117, 135, 146
Decimal	7705222
CIE _{Lab}	58.10, -12.76, 2.99
CIE _{LCh}	58, 13.108, 166.807
Yxy	26.0620, 0.2946, 0.3502
Android (android.graphics.Color)	4285895302 (0xFF759286)
YUV	135.9610, -0.9668, -16.6288
Hunter-Lab	51.0499, -12.6990, 5.0396

Details

The HunterLab color $51.0499, -12.6990, 5.0396$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $45.1876, 8.5320, 0.7417$, and the grayscale version is $49.6117, -2.6472, 2.6955$.

A 20% lighter version of the original color is $73.0284, -15.3979, 6.5609$, and $31.7072, -10.0207, 3.6784$ is the 20% darker color. If you saturate the color by 10%, you get $49.9644, -17.0658, 6.2722$, and if you desaturate by 10%, it is $52.2752, -7.9267, 3.9137$.

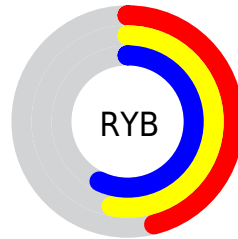
Distribution



Red (46%)

Green (57%)

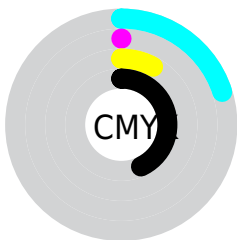
Blue (53%)



Red (46%)

Yellow (53%)

Blue (57%)

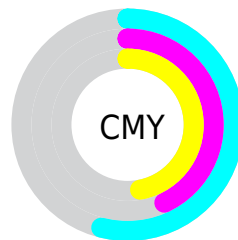


Cyan (20%)

Magenta (0%)

Yellow (8%)

Black (43%)



Cyan (54%)

Magenta (43%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.0499, -12.6990, 5.0396 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 51.0499, -12.6990, 5.0396 by changing the saturation by 10% instead.

■ 51.0499, -12.6990,
5.0396

■ 51.0499, -12.6990,
5.0396

168.2517,
-24.1604, 12.5676

■ 41.0731, -11.4111,
4.3313

■ 73.0582, -15.2380,
6.5380

■ 31.8463, -10.0956,
3.6490

■ 85.0087, -16.4999,
7.3260

■ 23.4374, -8.7356,
2.9925

■ 97.5479, -17.7625,
8.1393

■ 15.9355, -7.3003,
2.3594

110.6494,
-19.0284, 8.9775

■ 9.4673, -6.3801,
1.8254

124.2900,
-20.2997, 9.8400

0.0000, NaN, NaN

138.4491,

0.0000, NaN, NaN

-21.5781, 10.7261

0.0000, NaN, NaN

153.1086,
-22.8647, 11.6355

0.0000, NaN, NaN

■ 51.0499, -12.6990,
5.0396

■ 51.0499, -12.6990,
5.0396

■ 49.9644, -17.0658,
6.2722

■ 52.2752, -7.9267,
3.9137

■ 49.0172, -20.9864,
7.5983

■ 53.6342, -2.7886,
2.9000

■ 48.2090, -24.4301,
9.0046

■ 55.1239, 2.6708,
2.0041

■ 47.5379, -27.3757,
10.4742

■ 56.7396, 8.4081,
1.2280

■ 46.9994, -29.8144,
11.9877

■ 58.4759, 14.3821,
0.5716

■ 46.5864, -31.7532,
13.5234

■ 60.3270, 20.5547,
0.0326

■ 46.2884, -33.2179,
15.0581

■ 62.2870, 26.8920,
-0.3926

■ 46.0722, -34.3354,
16.5496

■ 64.3501, 33.3636,
-0.7087

■ 46.0694, -34.3501,
16.5692

■ 66.5105, 39.9438,
-0.9212

Harmonies

Analogous

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



51.0510, -10.2710, 9.2460



51.0499, -12.6990, 5.0396



51.0510, -12.5394, -0.2423

Triad

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



51.0510, -12.6999, 5.0403



51.0510, 0.3935, -7.9173



51.0510, 4.7793, 9.6352

Complementary

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



51.0499, -12.6990, 5.0396



45.1876, 8.5320, 0.7417

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.



51.0510, 7.8881, 5.6259



51.0499, -12.6990, 5.0396



51.0510, 5.2829, -4.6636

Square

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



51.0510, -12.6999, 5.0403



51.0510, -5.1378, -8.1173



51.0510, 8.0763, 0.4089



51.0510, -0.2700, 11.7017

Rectangle

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



51.0499, -12.6990, 5.0396



51.0510, -10.9874, -3.6801



51.0510, 8.0763, 0.4089



51.0510, 6.0952, 8.4906

Sweetspot

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



51.0510, -12.6999, 5.0403



70.0850, -8.0277, 4.6761



51.4946, -11.9259, 12.1442



33.0093, -3.9642, 2.2416



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.



51.0510, -12.6999, 5.0403



67.1144, -19.6180, 7.4339



50.6743, -9.6509, -0.7629



25.5383, -3.7084, 1.8750



43.2213, -32.1906, 15.4673



4.8428, -3.1868, 0.8263

Inverse Universe

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



45.1876, 8.5320, 0.7417



57.5877, 14.9353, 0.4800



45.4852, 5.6075, 6.1880



24.1926, 1.1534, 0.8826



23.8180, 42.0287, 5.7813



2.7399, 5.0298, -0.8466

Previews

White Background



This preview shows how the HunterLab color 51.0499, -12.6990, 5.0396 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 51.0499, -12.6990, 5.0396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

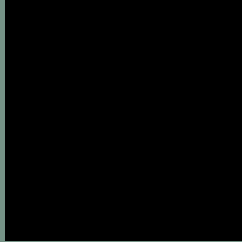
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

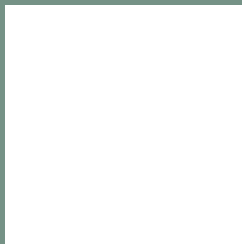
Any Text WCAG AAA × Fail

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

HunterLab 51.0499, -12.6990, 5.0396 Background



This preview shows how black text looks on a background with the HunterLab color 51.0499, -12.6990, 5.0396.



This preview shows how white text looks on a background with the HunterLab color 51.0499,

-12.6990, 5.0396.

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

51.0499, -12.6990, 5.0396

Protanopia

50.9963, -2.5651, 6.8250

Deuteranopia

50.9662, 3.3906, 4.3678



Tritanopia

51.0323, -6.9675, -4.1949

Trichromacy



Original Color

51.0499, -12.6990, 5.0396

Protanomaly

51.0422, -6.7877, 6.3906

Deuteranomaly

50.8697, -2.7354, 4.5819

Tritanomaly

51.0354, -8.9189, -0.7768

Monochromacy



Original Color

51.0499, -12.6990, 5.0396

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

50.1723, -6.6689, 3.7120

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.0499, -12.6990, 5.0396 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(117, 146, 134)` looks like.

```
.text, #text, p{  
    color:rgb(117, 146, 134)  
}
```

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(117, 146, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 146, 134) }
```

Border

The CSS property to change the border of an element to HunterLab 51.0499, -12.6990, 5.0396 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(117, 146, 134) }
```


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

```
.border{ border-color:rgb(117, 146, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 146, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 146, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 146, 134);  
box-shadow:4px 4px 4px 4px rgb(117, 146,  
134) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.0499, -12.6990, 5.0396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 146, 134) }
```

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

```
.background{ background-color: rgb(117,  
146, 134) }
```

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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