

Converting Colors

HunterLab(50.2567, -12.2493,
-14.8579)

Have a look what the booklet for
HunterLab(50.2567, -12.2493,
-14.8579) contains.

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Color

**HunterLab(50.1222,
-12.1347, -14.9026)**

Conversions

Conversions Part 1

Format	Color
Hex	5591AB
RGB	85, 145, 171
RGB Percent	33%, 57%, 67%
CMY	0.6667, 0.4314, 0.3294
CMYK	0.50, 0.15, 0.00, 0.33
HSL	198°, 34%, 50%
HSV	198°, 50%, 67%
XYZ	21.2224, 25.1223, 42.2587
YIQ	130.0240, -44.1060, -4.6340

Conversions

Conversions Part 2

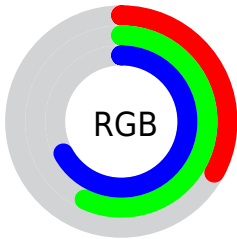
Format	Color
R _Y B	85, 120, 171
Decimal	5607851
CIE Lab	57.20, -12.16, -19.69
CIE LCh	57, 23.140, 238.302
Yxy	25.1233, 0.2395, 0.2835
Android (android.graphics.Color)	4283797931 (0xFF5591AB)
YUV	130.0240, 20.2012, -39.4860
Hunter-Lab	50.1222, -12.1347, -14.9026

Details

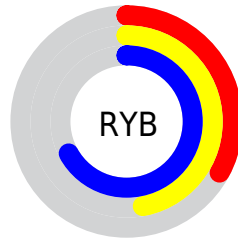
The HunterLab color $50.1222, -12.1347, -14.9026$ is a dark color, and the websafe version is hex $3399CC$. A complement of this color would be $45.4789, 15.0776, 17.0826$, and the grayscale version is $47.1929, -2.5181, 2.5641$.

A 20% lighter version of the original color is $72.0509, -14.6893, -15.0680$, and $31.2025, -9.7083, -14.1064$ is the 20% darker color. If you saturate the color by 10%, you get $47.8258, -12.4770, -18.5125$, and if you desaturate by 10%, it is $52.5726, -11.2758, -11.2539$.

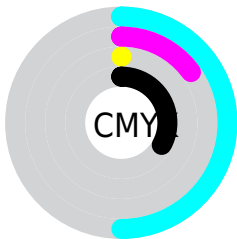
Distribution



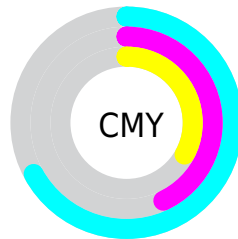
- Red (33%)
- Green (57%)
- Blue (67%)



- Red (33%)
- Yellow (47%)
- Blue (67%)



- Cyan (50%)
- Magenta (15%)
- Yellow (0%)
- Black (33%)



- Cyan (67%)
- Magenta (43%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.1222, -12.1347, -14.9026 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 50.1222, -12.1347, -14.9026 by changing the saturation by 10% instead.

■ 50.1222, -12.1347,
-14.9026

■ 50.1222, -12.1347,
-14.9026

166.8686,
-23.3410, -15.1496

■ 40.2106, -10.8815,
-14.5791

■ 72.0119, -14.6078,
-15.3483

■ 31.0544, -9.6037,
-14.1901

■ 83.9080, -15.8395,
-15.4781

■ 22.7232, -8.2840,
-13.7438

■ 96.3953, -17.0730,
-15.5501

■ 15.3084, -6.8920,
-13.2763

■ 109.4472,
-18.3111, -15.5676

■ 8.9251, -6.4130,
-12.9715

123.0401,
-19.5556, -15.5336

0.0000, NaN, -NF

0.0000, NaN, NaN

137.1533,

-20.8081, -15.4510

0.0000, NaN, NaN

151.7684,
-22.0696, -15.3222

0.0000, NaN, NaN

■ 50.1222, -12.1347,
-14.9026

■ 50.1222, -12.1347,
-14.9026

■ 47.8258, -12.4770,
-18.5125

■ 52.5726, -11.2758,
-11.2539

■ 45.6871, -12.2705,
-22.0628

■ 55.1664, -9.9391,
-7.5893

■ 43.7106, -11.4972,
-25.5280

■ 57.8959, -8.1668,
-3.9241

■ 41.8956, -10.1618,
-28.8870

■ 60.7525, -6.0014,
-0.2707

■ 40.2573, -8.4460,
-32.0855

■ 63.7276, -3.4831,
3.3621

■ 66.8133, -0.6494,
6.9685

■ 70.0018, 2.4657,
10.5451

■ 73.2862, 5.8319,
14.0903

■ 76.6599, 9.4223,
17.6038

Harmonies

Analogous

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



50.1231, -18.1108, -6.4657



50.1222, -12.1347, -14.9026



50.1231, -3.2304, -18.5237

Triad

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



50.1231, -12.1349, -14.9017



50.1231, 17.4308, 2.1980



50.1231, -11.2436, 16.0063

Complementary

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



50.1222, -12.1347, -14.9026



45.4789, 15.0776, 17.0826

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.



50.1231, -2.1215, 17.4585



50.1222, -12.1347, -14.9026



50.1231, 14.8844, 10.4551

Square

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



50.1231, -12.1349, -14.9017



50.1231, 14.2573, -7.5544



50.1231, 7.5384, 15.6330



50.1231, -17.6245, 11.2089

Rectangle

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



50.1222, -12.1347, -14.9026



50.1231, 3.3351, -17.2836



50.1231, 7.5384, 15.6330



50.1231, -8.4187, 16.8564

Sweetspot

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



50.1231, -12.1349, -14.9017



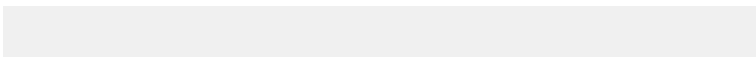
79.3801, -9.5353, -2.7917



56.7459, -32.7189, 18.7400



37.1179, -4.7784, -1.7912



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.



50.1231, -12.1349, -14.9017



63.7751, -16.7027, -25.1437



37.9664, 8.1662, -36.6301



29.4229, -2.7815, 0.0411



35.0896, -7.5384, -27.5857



6.5772, -2.2930, -3.2709

Inverse Universe

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



41.4729, 35.6882, -12.1176



50.9595, 58.0502, -18.8268



56.8856, -5.5468, 25.9971



28.4714, 1.7875, 0.0750



27.4700, 50.7535, -11.0104



4.6799, 8.8146, -3.1783

Previews

White Background



This preview shows how the HunterLab color 50.1222, -12.1347, -14.9026 looks on a white background.

Color Contrast Check

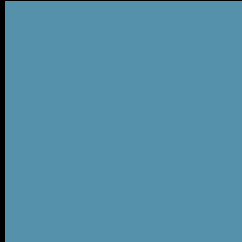
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.1222, -12.1347, -14.9026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

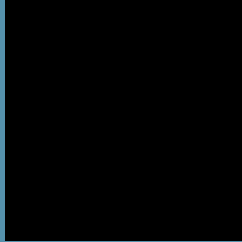
Any Text WCAG AA ✓ Pass

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 50.1222, -12.1347, -14.9026 Background



This preview shows how black text looks on a background with the HunterLab color 50.1222, -12.1347, -14.9026.



This preview shows how white text looks on a background with the HunterLab color 50.1222, -12.1347, -14.9026.

-12.1347, -14.9026.

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

50.1222, -12.1347, -14.9026

Protanopia

49.7535, 1.0835, -11.1771

Deuteranopia

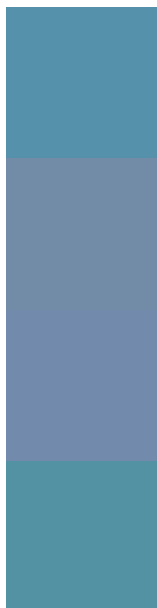
49.8925, 3.6616, -16.1742



Tritanopia

50.1198, -16.1774, -8.2019

Trichromacy



Original Color

50.1222, -12.1347, -14.9026

Protanomaly

49.8324, -4.2936, -12.8664

Deuteranomaly

49.7322, -2.7768, -15.9345

Tritanomaly

49.9960, -14.7682, -10.5430

Monochromacy



Original Color

50.1222, -12.1347, -14.9026

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.9058, -6.6527, -3.7510

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.1222, -12.1347, -14.9026 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(85, 145, 171)` looks like.

```
.text, #text, p{  
    color:rgb(85, 145, 171)  
}
```

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(85, 145, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 145, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 50.1222, -12.1347, -14.9026 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(85, 145, 171) }
```


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

```
.border{ border-color:rgb(85, 145, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 145, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 145, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 145, 171);  
box-shadow:4px 4px 4px 4px rgb(85, 145,  
171) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.1222, -12.1347, -14.9026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 145, 171) }
```

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

```
.background{ background-color: rgb(85, 145,  
171) }
```

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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