

Converting Colors

HunterLab(50.2327, -12.0224,
-17.0547)

Have a look what the booklet for
HunterLab(50.2327, -12.0224,
-17.0547) contains.

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Color

**HunterLab(50.1396,
-11.7621, -17.2693)**

Conversions

Conversions Part 1

Format	Color
Hex	5291AF
RGB	82, 145, 175
RGB Percent	32%, 57%, 69%
CMY	0.6784, 0.4314, 0.3137
CMYK	0.53, 0.17, 0.00, 0.31
HSL	199°, 37%, 50%
HSV	199°, 53%, 69%
XYZ	21.3430, 25.1398, 44.2851
YIQ	129.5830, -47.1780, -4.0260

Conversions

Conversions Part 2

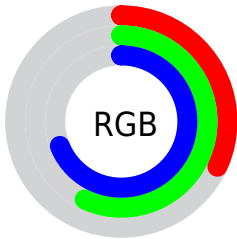
Format	Color
R_{YB}	82, 120, 175
Decimal	5411247
CIE _{Lab}	57.21, -11.66, -21.95
CIE _{LCh}	57, 24.858, 242.031
Yxy	25.1407, 0.2351, 0.2770
Android (android.graphics.Color)	4283601327 (0xFF5291AF)
YUV	129.5830, 22.3906, -41.7303
Hunter-Lab	50.1396, -11.7621, -17.2693

Details

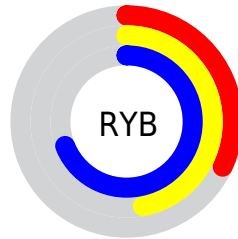
The HunterLab color $50.1396, -11.7621, -17.2693$ is a dark color, and the websafe version is hex $3399CC$. A complement of this color would be $46.1653, 15.8629, 18.4713$, and the grayscale version is $47.0120, -2.5084, 2.5543$.

A 20% lighter version of the original color is $72.0658, -14.2488, -18.0416$, and $31.1740, -9.5800, -15.9771$ is the 20% darker color. If you saturate the color by 10%, you get $47.7190, -11.8011, -21.1950$, and if you desaturate by 10%, it is $52.7222, -11.1809, -13.3191$.

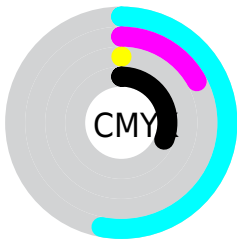
Distribution



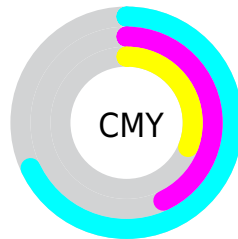
- Red (32%)
- Green (57%)
- Blue (69%)



- Red (32%)
- Yellow (47%)
- Blue (69%)



- Cyan (53%)
- Magenta (17%)
- Yellow (0%)
- Black (31%)



- Cyan (68%)
- Magenta (43%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.1396, -11.7621, -17.2693 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 50.1396, -11.7621, -17.2693 by changing the saturation by 10% instead.

■ 50.1396, -11.7621,
-17.2693

■ 50.1396, -11.7621,
-17.2693

166.8946,
-22.7591, -18.1519

■ 40.2268, -10.5397,
-16.8780

■ 72.0315, -14.1799,
-17.8587

■ 31.0693, -9.2957,
-16.4286

■ 83.9286, -15.3863,
-18.0612

■ 22.7365, -8.0138,
-15.9375

■ 96.4169, -16.5961,
-18.2055

■ 15.3201, -6.6653,
-15.4608

■ 109.4697,
-17.8114, -18.2945

■ 8.9356, -6.1625,
-15.2431

■ 123.0635,
-19.0342, -18.3311

0.0000, NaN, -NF

0.0000, NaN, NaN

137.1777,

-20.2657, -18.3179

0.0000, NaN, NaN

151.7936,
-21.5071, -18.2575

0.0000, NaN, NaN

■ 50.1396, -11.7621,
-17.2693

■ 50.1396, -11.7621,
-17.2693

■ 47.7190, -11.8011,
-21.1950

■ 52.7222, -11.1809,
-13.3191

■ 45.4646, -11.2649,
-25.0734

■ 55.4551, -10.0986,
-9.3683

■ 43.3816, -10.1371,
-28.8769

■ 58.3300, -8.5600,
-5.4327

■ 41.4683, -8.4281,
-32.5833

■ 61.3372, -6.6099,
-1.5243

■ 40.2267, -7.0255,
-35.1138

■ 64.4677, -4.2914,
2.3490

■ 67.7126, -1.6439,
6.1824

■ 71.0639, 1.2968,
9.9737

■ 74.5140, 4.4987,
13.7224

■ 78.0561, 7.9336,
17.4296

Harmonies

Analogous

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



50.1405, -18.6078, -8.5095



50.1396, -11.7621, -17.2693



50.1405, -1.9637, -20.3900

Triad

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



50.1405, -11.7622, -17.2684



50.1405, 19.0353, 3.4023



50.1405, -12.9009, 16.3854

Complementary

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



50.1396, -11.7621, -17.2693



46.1653, 15.8629, 18.4713

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.



50.1405, -3.3885, 18.3261



50.1396, -11.7621, -17.2693



50.1405, 15.5279, 11.8494

Square

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



50.1405, -11.7622, -17.2684



50.1405, 16.3407, -7.0933



50.1405, 7.1027, 16.8517



50.1405, -19.2264, 10.8952

Rectangle

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



50.1396, -11.7621, -17.2693



50.1405, 5.0877, -18.4307



50.1405, 7.1027, 16.8517



50.1405, -9.9982, 17.4171

Sweetspot

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



50.1405, -11.7622, -17.2684



80.8048, -9.7199, -3.6754



57.9759, -34.6327, 19.6042



37.7121, -4.8343, -2.2284



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.



50.1405, -11.7622, -17.2684



63.2496, -15.7138, -29.3905



37.1794, 10.2402, -41.5887



29.3766, -2.7063, -0.0147



34.2099, -6.2042, -29.3663



6.4727, -2.1494, -3.4503

Inverse Universe

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



41.4653, 38.5343, -12.0794



50.6080, 62.7690, -18.3646



58.4470, -6.3205, 27.8055



28.4666, 1.7616, 0.1437



27.3578, 50.3516, -9.4572



4.6652, 8.7624, -2.9788

Previews

White Background



This preview shows how the HunterLab color 50.1396, -11.7621, -17.2693 looks on a white background.

Color Contrast Check

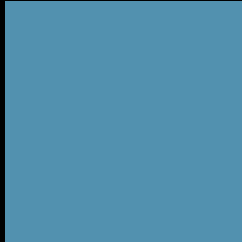
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.1396, -11.7621, -17.2693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

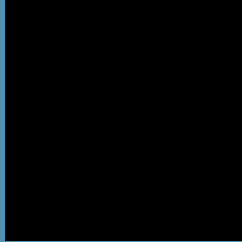
Any Text WCAG AA ✓ Pass

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 50.1396, -11.7621, -17.2693 Background



This preview shows how black text looks on a background with the HunterLab color 50.1396, -11.7621, -17.2693.



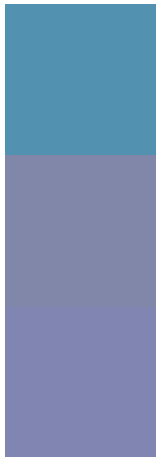
This preview shows how white text looks on a background with the HunterLab color 50.1396, -11.7621, -17.2693.

-11.7621, -17.2693.

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

50.1396, -11.7621, -17.2693

Protanopia

49.8219, 1.6108, -13.3577

Deuteranopia

49.8134, 3.7118, -18.7484



Tritanopia

50.2537, -17.2045, -8.5730

Trichromacy



Original Color

50.1396, -11.7621, -17.2693

Protanomaly

49.8500, -3.9302, -15.1755

Deuteranomaly

49.6901, -2.6095, -18.4365

Tritanomaly

50.2033, -15.4397, -11.3756

Monochromacy



Original Color

50.1396, -11.7621, -17.2693

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.8685, -6.7209, -4.3039

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.1396, -11.7621, -17.2693 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(82, 145, 175)` looks like.

```
.text, #text, p{  
    color:rgb(82, 145, 175)  
}
```

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(82, 145, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 145, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 50.1396, -11.7621, -17.2693 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(82, 145, 175) }
```


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

```
.border{ border-color:rgb(82, 145, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 145, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 145, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 145, 175);  
box-shadow:4px 4px 4px 4px rgb(82, 145,  
175) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.1396, -11.7621, -17.2693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 145, 175) }
```

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

```
.background{ background-color: rgb(82, 145,  
175) }
```

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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