

Converting Colors

HunterLab(51.5579, -17.1251,
31.4700)

Have a look what the booklet for
HunterLab(51.5579, -17.1251,
31.4700) contains.

HunterLab(51.5588, -17.2782, 31.4678)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(51.5588,
-17.2782, 31.4678)**

Conversions

Conversions Part 1

Format	Color
Hex	8A9400
RGB	138, 148, 0
RGB Percent	54%, 58%, 0%
CMY	0.4588, 0.4196, 1.0000
CMYK	0.07, 0.00, 1.00, 0.42
HSL	64°, 100%, 29%
HSV	64°, 100%, 58%
XYZ	21.0711, 26.5831, 4.0205
YIQ	128.1380, 41.5480, -48.1480

Conversions

Conversions Part 2

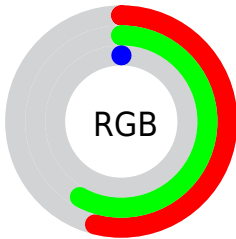
Format	Color
RYB	0, 148, 10
Decimal	9081856
CIELab	58.59, -18.88, 62.00
CIELCh	59, 64.809, 106.940
Yxy	26.5843, 0.4078, 0.5144
Android (android.graphics.Color)	4287271936 (0xFF8A9400)
YUV	128.1380, -63.1720, 8.6490
Hunter-Lab	51.5588, -17.2782, 31.4678

Details

The HunterLab color $51.5588, -17.2782, 31.4678$ is a dark color, and the websafe version is hex 999900 . A complement of this color would be $14.8430, 39.8198, -102.0765$, and the grayscale version is $46.7450, -2.4942, 2.5397$.

A 20% lighter version of the original color is $73.6872, -20.5175, 40.2500$, and $32.5886, -13.0805, 19.8520$ is the 20% darker color. If you saturate the color by 10%, you get $51.5599, -17.2803, 31.4684$, and if you desaturate by 10%, it is $51.6759, -16.7789, 31.0382$.

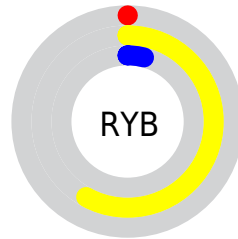
Distribution



Red (54%)

Green (58%)

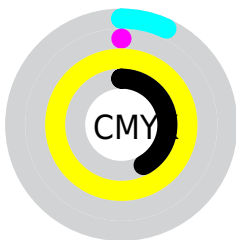
Blue (0%)



Red (0%)

Yellow (58%)

Blue (4%)

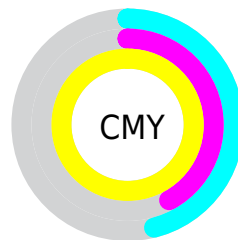


Cyan (7%)

Magenta (0%)

Yellow (100%)

Black (42%)



Cyan (46%)

Magenta (42%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.5588, -17.2782, 31.4678 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 51.5588, -17.2782, 31.4678 by changing the saturation by 10% instead.

■ 51.5588, -17.2782,
31.4678

■ 51.5588, -17.2782,
31.4678

169.0085,
-31.3194, 66.2250

■ 41.5467, -15.6114,
26.7467

■ 73.6316, -20.4988,
40.2221

■ 32.2815, -13.8804,
22.0149

■ 85.6117, -22.0708,
44.3124

■ 23.8305, -12.0575,
16.6814

■ 98.1792, -23.6274,
48.2467

■ 16.2815, -10.0925,
11.3970

■ 111.3077,
-25.1737, 52.0467

■ 9.7586, -8.9809,
6.8310

■ 124.9742,
-26.7133, 55.7304

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.1584,

-28.2493, 59.3131

0.0000, NaN, NaN

153.8420,
-29.7840, 62.8077

0.0000, NaN, NaN

51.5588, -17.2782,
31.4678

51.5588, -17.2782,
31.4678

51.5599, -17.2803,
31.4684

51.6759, -16.7789,
31.0382

51.8154, -16.1451,
30.2697

51.9893, -15.3172,
29.0032

52.2015, -14.2747,
27.1838

52.4552, -13.0021,
24.7695

■ 52.7530, -11.4880,
21.7285

■ 53.0969, -9.7244,
18.0378

■ 53.4886, -7.7065,
13.6822

■ 53.9295, -5.4321,
8.6540

Harmonies

Analogous

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



51.5600, 9.7534, 31.7006



51.5588, -17.2782, 31.4678



51.5600, -35.9922, 26.6993

Triad

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



51.5600, -17.2799, 31.4681



51.5600, -34.1300, -49.1618



51.5600, 59.5609, -9.9096

Complementary

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



51.5588, -17.2782, 31.4678



14.8430, 39.8198, -102.0765

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.



51.5600, 41.8700, -44.7314



51.5588, -17.2782, 31.4678



51.5600, -14.1720, -74.2195

Square

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



51.5600, -17.2799, 31.4681



51.5600, -44.2285, -14.1144



51.5600, 13.5828, -72.2712



51.5600, 58.2382, 15.4215

Rectangle

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



51.5588, -17.2782, 31.4678



51.5600, -42.9583, 18.8832



51.5600, 13.5828, -72.2712



51.5600, 55.5063, -21.0523

Sweetspot

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



51.5600, -17.2799, 31.4681



70.4984, -13.0687, 24.2820



25.5162, 41.5374, 16.4493



33.5966, -6.6878, 12.5382



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



51.5600, -17.2799, 31.4681



68.4644, -23.0357, 41.7842



47.1973, -34.5102, 28.4782



25.9325, -2.5187, 3.9540



47.6556, -15.9516, 29.0859



5.3178, -1.5941, 3.2489

Inverse Universe

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



14.8430, 39.8198, -102.0765



19.6409, 52.8429, -136.2008



20.0438, 44.9897, -69.7414



23.7709, -0.0460, -1.4902



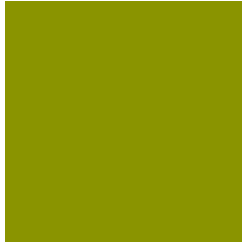
13.7345, 36.8175, -94.1993



1.6371, 4.1690, -9.5258

Previews

White Background



This preview shows how the HunterLab color 51.5588, -17.2782, 31.4678 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 51.5588, -17.2782, 31.4678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

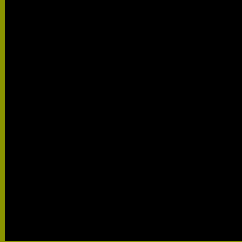
Any Text WCAG AA ✓ Pass

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 51.5588, -17.2782, 31.4678 Background



This preview shows how black text looks on a background with the HunterLab color 51.5588, -17.2782, 31.4678.



This preview shows how white text looks on a background with the HunterLab color 51.5588,

-17.2782, 31.4678.

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

51.5588, -17.2782, 31.4678

Protanopia

51.4011, -7.2221, 31.5467

Deuteranopia

51.5569, 3.4281, 30.8354



Tritanopia

51.6765, 2.2355, -0.2627

Trichromacy



Original Color

51.5588, -17.2782, 31.4678

Protanomaly

51.5032, -11.3330, 31.5376

Deuteranomaly

51.2701, -4.6922, 30.9876

Tritanomaly

51.1604, -7.9907, 19.1125

Monochromacy



Original Color

51.5588, -17.2782, 31.4678

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

47.7782, -10.1435, 19.6029

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.5588, -17.2782, 31.4678 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(138, 148, 0)` looks like.

```
.text, #text, p{  
    color:rgb(138, 148, 0)  
}
```

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(138, 148, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 148, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 51.5588, -17.2782, 31.4678 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(138, 148, 0) }
```


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

```
.border{ border-color:rgb(138, 148, 0) }
```

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

Here you see how a box with a 4 pixel rgb(138, 148, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 148, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 148, 0);  
box-shadow:4px 4px 4px 4px rgb(138, 148,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.5588, -17.2782, 31.4678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 148, 0) }
```

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

```
.background{ background-color: rgb(138,  
148, 0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor