

Converting Colors

HunterLab(46.4388, -20.5917,
28.2549)

Have a look what the booklet for
HunterLab(46.4388, -20.5917,
28.2549) contains.

HunterLab(46.4991, -20.8337, 28.2878)	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(46.4991,
-20.8337, 28.2878)**

Conversions

Conversions Part 1

Format	Color
Hex	708A00
RGB	112, 138, 0
RGB Percent	44%, 54%, 0%
CMY	0.5608, 0.4588, 1.0000
CMYK	0.19, 0.00, 1.00, 0.46
HSL	71°, 100%, 27%
HSV	71°, 100%, 54%
XYZ	15.7705, 21.6217, 3.3422
YIQ	114.4940, 28.8020, -48.4300

Conversions

Conversions Part 2

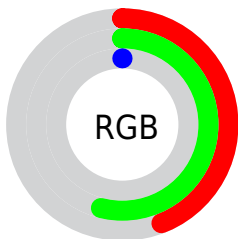
Format	Color
RYB	0, 138, 26
Decimal	7375360
CIELab	53.62, -25.35, 57.42
CIELCh	54, 62.765, 113.822
Yxy	21.6226, 0.3871, 0.5308
Android (android.graphics.Color)	4285565440 (0xFF708A00)
YUV	114.4940, -56.4455, -2.1872
Hunter-Lab	46.4991, -20.8337, 28.2878

Details

The HunterLab color $46.4991, -20.8337, 28.2878$ is a dark color, and the websafe version is hex 669900 . A complement of this color would be $14.3356, 37.3466, -89.9637$, and the grayscale version is $41.4143, -2.2098, 2.2501$.

A 20% lighter version of the original color is $67.7454, -24.7256, 36.5253$, and $28.1782, -15.4010, 17.0937$ is the 20% darker color. If you saturate the color by 10%, you get $46.5000, -20.8357, 28.2883$, and if you desaturate by 10%, it is $46.7192, -19.9219, 27.9207$.

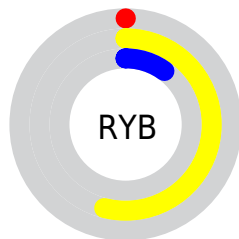
Distribution



Red (44%)

Green (54%)

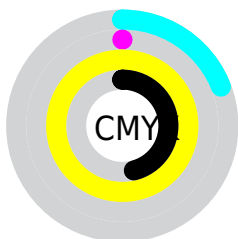
Blue (0%)



Red (0%)

Yellow (54%)

Blue (10%)

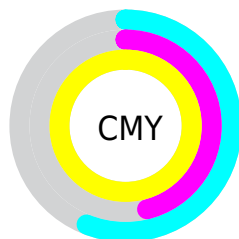


Cyan (19%)

Magenta (0%)

Yellow (100%)

Black (46%)



Cyan (56%)

Magenta (46%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.4991, -20.8337, 28.2878 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 46.4991, -20.8337, 28.2878 by changing the saturation by 10% instead.

■ 46.4991, -20.8337,
28.2878

■ 46.4991, -20.8337,
28.2878

161.4216,
-37.7920, 61.3485

■ 36.8509, -18.7046,
23.7488

■ 67.9128, -24.8545,
36.6585

■ 27.9805, -16.4517,
19.5041

■ 79.5905, -26.7821,
40.5541

■ 19.9644, -14.0209,
13.9751

■ 91.8699, -28.6718,
44.2946

■ 12.9058, -11.3166,
9.0341

■ 104.7230,
-30.5320, 47.9029

■ 6.3343, -11.0850,
4.4340

■ 118.1252,
-32.3695, 51.3981


0.0000, NaN, NaN

0.0000, NaN, NaN


■ 132.0549,


-34.1894, 54.7957


0.0000, NaN, NaN


 146.4928,
-35.9958, 58.1089


0.0000, NaN, NaN


 46.4991, -20.8337,
28.2878


 46.4991, -20.8337,
28.2878


 46.5000, -20.8357,
28.2883

 46.7192, -19.9219,
27.9207

 46.9635, -18.8757,
27.2519

 47.2438, -17.6352,
26.1225

 47.5634, -16.1843,
24.4862

 47.9248, -14.5119,
22.3092

■ 48.3301, -12.6109,
19.5672

■ 48.7808, -10.4777,
16.2443

■ 49.2781, -8.1113,
12.3318

■ 49.8228, -5.5134,
7.8276

Harmonies

Analogous

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



46.5002, 2.9641, 29.2266



46.4991, -20.8337, 28.2878



46.5002, -36.0732, 22.6303

Triad

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



46.5002, -20.8350, 28.2881



46.5002, -28.2439, -53.7753



46.5002, 57.6700, -2.8267

Complementary

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



46.4991, -20.8337, 28.2878



14.3356, 37.3466, -89.9637

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.



46.5002, 44.5964, -34.7257



46.4991, -20.8337, 28.2878



46.5002, -7.6915, -72.8344

Square

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



46.5002, -20.8350, 28.2881



46.5002, -39.6546, -20.7865



46.5002, 19.2455, -64.4333



46.5002, 52.0147, 17.8160

Rectangle

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



46.4991, -20.8337, 28.2878



46.5002, -41.1133, 13.8322



46.5002, 19.2455, -64.4333



46.5002, 55.2438, -12.5924

Sweetspot

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



46.5002, -20.8350, 28.2881



64.7219, -14.1035, 21.8761



24.7227, 34.9729, 15.8456



30.5466, -7.1800, 11.1532



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



46.5002, -20.8350, 28.2881



61.6826, -27.8632, 37.5207



43.2515, -33.9445, 26.0567



24.0793, -2.5516, 3.5837



44.5305, -19.9247, 27.0907



3.7070, -1.3271, 2.2610

Inverse Universe

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



14.3356, 37.3466, -89.9637



18.8903, 49.4721, -120.5199



20.5698, 44.1446, -55.8620



22.2141, 0.1529, -1.2712



13.7438, 35.7776, -86.0083



1.3183, 3.1054, -5.7201

Previews

White Background



This preview shows how the HunterLab color 46.4991, -20.8337, 28.2878 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 46.4991, -20.8337, 28.2878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

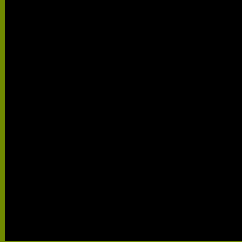
Any Text WCAG AA ✓ Pass

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 46.4991, -20.8337, 28.2878 Background



This preview shows how black text looks on a background with the HunterLab color 46.4991, -20.8337, 28.2878.



This preview shows how white text looks on a background with the HunterLab color 46.4991,

-20.8337, 28.2878.

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

46.4991, -20.8337, 28.2878

Protanopia

46.2251, -6.6723, 28.3669

Deuteranopia

46.1757, 3.1191, 27.3270



Tritanopia

46.3511, -2.2645, -2.2351

Trichromacy



Original Color

46.4991, -20.8337, 28.2878

Protanomaly

46.2688, -12.4275, 28.2931

Deuteranomaly

45.8866, -6.3499, 27.5305

Tritanomaly

45.9663, -12.0160, 16.2053

Monochromacy



Original Color

46.4991, -20.8337, 28.2878

Achromatopsia

41.0207, -2.1888, 2.2287

Achromatomaly

42.6118, -11.3355, 17.2883

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.4991, -20.8337, 28.2878 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(112, 138, 0)` looks like.

```
.text, #text, p{  
    color:rgb(112, 138, 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(112, 138, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 138, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 46.4991, -20.8337, 28.2878 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(112, 138, 0) }
```


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

```
.border{ border-color:rgb(112, 138, 0) }
```

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

Here you see how a box with a 4 pixel rgb(112, 138, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 138, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 138, 0);  
box-shadow:4px 4px 4px 4px rgb(112, 138,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.4991, -20.8337, 28.2878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 138, 0) }
```

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

```
.background{ background-color: rgb(112,  
138, 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](#).

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