

Converting Colors

HunterLab(33.3969, -28.0448,
20.0881)

Have a look what the booklet for
HunterLab(33.3969, -28.0448,
20.0881) contains.

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Color

**HunterLab(33.5112,
-28.1364, 20.1569)**

Conversions

Conversions Part 1

Format	Color
Hex	0C6E00
RGB	12, 110, 0
RGB Percent	5%, 43%, 0%
CMY	0.9529, 0.5686, 1.0000
CMYK	0.89, 0.00, 1.00, 0.57
HSL	113°, 100%, 22%
HSV	113°, 100%, 43%
XYZ	5.7275, 11.2300, 1.8657
YIQ	68.1580, -23.0980, -54.9860

Conversions

Conversions Part 2

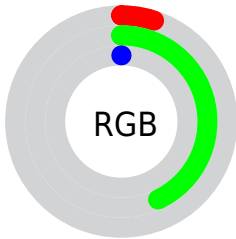
Format	Color
RYB	0, 110, 98
Decimal	814592
CIELab	39.97, -45.20, 44.93
CIELCh	40, 63.734, 135.175
Yxy	11.2305, 0.3043, 0.5966
Android (android.graphics.Color)	4279004672 (0xFF0C6E00)
YUV	68.1580, -33.6019, -49.2506
Hunter-Lab	33.5112, -28.1364, 20.1569

Details

The HunterLab color **33.5112, -28.1364, 20.1569** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **19.2951, 38.8765, -32.7610**, and the grayscale version is **24.2194, -1.2923, 1.3159**.

A 20% lighter version of the original color is **53.0777, -35.3416, 27.4656**, and **18.2688, -15.6655, 10.9829** is the 20% darker color. If you saturate the color by 10%, you get **33.5118, -28.1372, 20.1572**, and if you desaturate by 10%, it is **33.6820, -27.3418, 19.7184**.

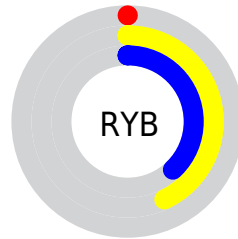
Distribution



Red (5%)

Green (43%)

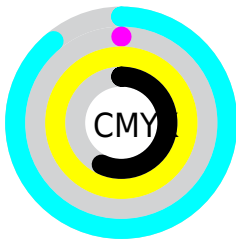
Blue (0%)



Red (0%)

Yellow (43%)

Blue (38%)

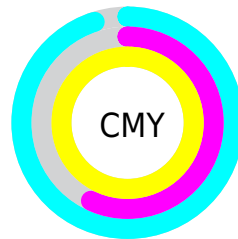


Cyan (89%)

Magenta (0%)

Yellow (100%)

Black (57%)



Cyan (95%)

Magenta (57%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.5112, -28.1364, 20.1569 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 33.5112, -28.1364, 20.1569 by changing the saturation by 10% instead.

■ 33.5112, -28.1364,
20.1569

■ 33.5112, -28.1364,
20.1569

■ 141.1531,
-55.5372, 48.2933

■ 24.9441, -24.1924,
16.3414

■ 52.9958, -35.1641,
27.3962

■ 17.2644, -19.7995,
12.0851

■ 63.7974, -38.3844,
30.7203

■ 10.5906, -18.5335,
7.4134

■ 75.2469, -41.4654,
33.8952

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.3097, -44.4344,
36.9478

0.0000, NaN, NaN

■ 99.9560, -47.3121,
39.8988

0.0000, NaN, NaN


■ 113.1600,


0.0000, NaN, NaN


-50.1139, 42.7649


0.0000, NaN, NaN


 126.8990,
-52.8524, 45.5595


 33.5112, -28.1364,
20.1569


 33.5112, -28.1364,
20.1569


 33.5118, -28.1372,
20.1572

 33.6820, -27.3418,
19.7184

 33.9278, -26.2053,
19.1204

 34.2664, -24.6410,
18.1931

 34.7034, -22.6357,
16.9157

 35.2426, -20.1901,
15.2808

■ 35.8858, -17.3174,
13.2920

■ 36.6335, -14.0402,
10.9620

■ 37.4847, -10.3888,
8.3104

■ 38.4375, -6.3979,
5.3618

Harmonies

Analogous

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



33.5119, -12.7890, 22.5436



33.5112, -28.1364, 20.1569



33.5119, -35.1747, 11.0437

Triad

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



33.5119, -28.1369, 20.1570



33.5119, -12.5588, -71.7099



33.5119, 53.7360, 11.2171

Complementary

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



33.5112, -28.1364, 20.1569



19.2951, 38.8765, -32.7610

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.



33.5119, 53.8479, -11.1031



33.5112, -28.1364, 20.1569



33.5119, 10.8407, -71.5285

Square

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



33.5119, -28.1369, 20.1570



33.5119, -28.0085, -45.0484



33.5119, 36.5356, -44.6509



33.5119, 36.2622, 20.2095

Rectangle

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



33.5112, -28.1364, 20.1569



33.5119, -35.8971, -2.2770



33.5119, 36.5356, -44.6509



33.5119, 55.9356, 5.4647

Sweetspot

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



33.5119, -28.1369, 20.1570



48.4616, -18.9745, 14.7915



34.4903, -4.8728, 21.1672



23.2228, -9.8287, 7.6185



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



33.5119, -28.1369, 20.1570



44.3749, -37.4351, 26.6883



33.6463, -27.0647, 16.3706



19.4398, -3.0227, 2.5523



36.7192, -30.8841, 22.0855



81.8342, -69.4422, 49.2102

Inverse Universe

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



19.2951, 38.8765, -32.7610



25.5082, 51.4342, -43.5991



19.3148, 35.2260, -4.1891



18.5362, 1.0767, -0.5675



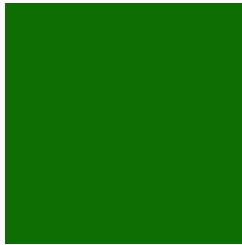
21.1297, 42.5857, -35.9613



46.9165, 94.7051, -80.9937

Previews

White Background



This preview shows how the HunterLab color 33.5112, -28.1364, 20.1569 looks on a white background.

Color Contrast Check

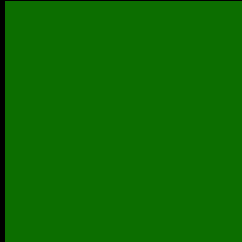
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 33.5112, -28.1364, 20.1569 looks on a black 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

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

HunterLab 33.5112, -28.1364, 20.1569 Background



This preview shows how black text looks on a background with the HunterLab color 33.5112, -28.1364, 20.1569.



This preview shows how white text looks on a background with the HunterLab color 33.5112,

-28.1364, 20.1569.

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

33.5112, -28.1364, 20.1569

Protanopia

33.2710, -4.8605, 20.4163

Deuteranopia

33.2600, 1.9488, 18.9883



Tritanopia

33.5481, -11.9247, -6.1150

Trichromacy



Original Color

33.5112, -28.1364, 20.1569

Protanomaly

32.3915, -16.8445, 19.6646

Deuteranomaly

32.0096, -13.7174, 18.6469

Tritanomaly

33.0124, -20.7409, 9.2726

Monochromacy



Original Color

33.5112, -28.1364, 20.1569

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

26.4373, -14.2061, 10.9162

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.5112, -28.1364, 20.1569 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(12, 110, 0)` looks like.

```
.text, #text, p{  
    color:rgb(12, 110, 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(12, 110, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 110, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 33.5112, -28.1364, 20.1569 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(12, 110, 0) }
```


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

```
.border{ border-color:rgb(12, 110, 0) }
```

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

Here you see how a box with a 4 pixel rgb(12, 110, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 110, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 110, 0);  
box-shadow:4px 4px 4px 4px rgb(12, 110, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.5112, -28.1364, 20.1569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 110, 0) }
```

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

```
.background{ background-color: rgb(12, 110,  
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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