

Converting Colors

HunterLab(28.3884, -16.3866,
11.6116)

Have a look what the booklet for
HunterLab(28.3884, -16.3866,
11.6116) contains.

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Color

**HunterLab(28.4990,
-16.4170, 11.6786)**

Conversions

Conversions Part 1

Format	Color
Hex	2F5A2F
RGB	47, 90, 47
RGB Percent	18%, 35%, 18%
CMY	0.8157, 0.6471, 0.8157
CMYK	0.48, 0.00, 0.48, 0.65
HSL	120°, 31%, 27%
HSV	120°, 48%, 35%
XYZ	5.3416, 8.1219, 3.9755
YIQ	72.2410, -11.8250, -22.4890

Conversions

Conversions Part 2

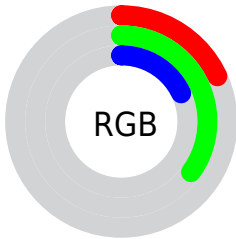
Format	Color
R_{YB}	47, 90, 90
Decimal	3103279
CIE _{Lab}	34.24, -25.01, 20.26
CIE _{LCh}	34, 32.191, 140.989
Yxy	8.1223, 0.3063, 0.4657
Android (android.graphics.Color)	4281293359 (0xFF2F5A2F)
YUV	72.2410, -12.4438, -22.1364
Hunter-Lab	28.4990, -16.4170, 11.6786




Details

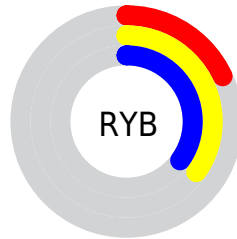
The HunterLab color $[28.4990, -16.4170, 11.6786]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[22.2375, 17.9052, -11.7747]$, and the grayscale version is $[25.5885, -1.3653, 1.3903]$.




A 20% lighter version of the original color is $[47.2702, -20.9103, 15.4792]$, and $[13.4215, -11.5089, 8.0688]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.0441, -18.4899, 13.0799]$, and if you desaturate by 10%, it is $[29.0499, -13.9630, 10.0196]$.

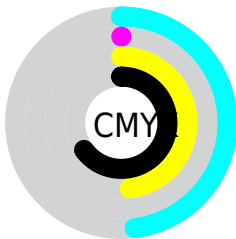
Distribution







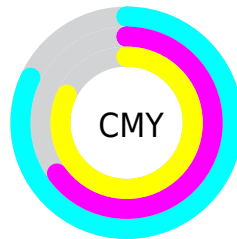
-  Red (18%)
-  Green (35%)
-  Blue (18%)






-  Red (18%)
-  Yellow (35%)
-  Blue (35%)



-  Cyan (48%)
-  Magenta (0%)
-  Yellow (48%)
-  Black (65%)



-  Cyan (82%)
-  Magenta (65%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.4990, -16.4170, 11.6786 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 28.4990, -16.4170, 11.6786 by changing the saturation by 10% instead.

■ 28.4990, -16.4170,
11.6786

■ 28.4990, -16.4170,
11.6786

132.9240,
-33.9535, 27.0525

■ 20.4286, -14.0284,
9.6215

■ 47.1145, -20.7376,
15.4206

■ 13.3078, -11.3752,
7.9817

■ 57.5266, -22.7545,
17.1769

■ 6.8482, -11.9843,
4.7937

■ 68.6095, -24.7088,
18.8847

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.3249, -26.6156,
20.5573

0.0000, NaN, NaN

■ 92.6402, -28.4861,
22.2041

0.0000, NaN, NaN

■ 105.5276,

0.0000, NaN, NaN

-30.3286, 23.8322

0.0000, NaN, NaN

118.9627,
-32.1494, 25.4469

■ 28.4990, -16.4170,
11.6786

■ 28.4990, -16.4170,
11.6786

■ 28.0441, -18.4899,
13.0799

■ 29.0499, -13.9630,
10.0196

■ 27.6814, -20.1675,
14.2142

■ 29.6954, -11.1489,
8.1175

■ 27.4079, -21.4497,
15.0813

■ 30.4352, -8.0046,
5.9926

■ 27.2176, -22.3504,
15.6903

■ 31.2671, -4.5641,
3.6680

■ 27.0739, -23.0356,
16.1537

■ 32.1882, -0.8633,
1.1680

■ 27.0420, -23.1884,
16.2571

■ 33.1950, 3.0617,
-1.4830

■ 34.2836, 7.1768,
-4.2617

■ 35.4496, 11.4501,
-7.1467

■ 36.6887, 15.8535,
-10.1187

Harmonies

Analogous

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



28.4996, -8.8425, 14.8268



28.4990, -16.4170, 11.6786



28.4996, -19.8466, 4.5808

Triad

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



28.4996, -16.4175, 11.6788



28.4996, -4.8217, -27.0567



28.4996, 21.5356, 7.9644

Complementary

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



28.4990, -16.4170, 11.6786



22.2375, 17.9052, -11.7747

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.



28.4996, 23.0568, -1.8523



28.4990, -16.4170, 11.6786



28.4996, 6.6207, -25.0163

Square

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



28.4996, -16.4175, 11.6788



28.4996, -13.8659, -19.4350



28.4996, 17.2444, -14.6181



28.4996, 13.3620, 13.3310

Rectangle

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



28.4990, -16.4170, 11.6786



28.4996, -19.7524, -2.6427



28.4996, 17.2444, -14.6181



28.4996, 22.8869, 5.1912

Sweetspot

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



28.4996, -16.4175, 11.6788



40.6072, -9.1154, 6.9316



31.1315, -6.3963, 13.9491



19.8901, -4.7895, 3.6160



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



28.4996, -16.4175, 11.6788



37.0352, -24.7175, 17.4772



28.8800, -14.1513, 6.1551



16.0819, -2.5521, 2.0257



33.2814, -28.5387, 20.0081



77.8815, -66.7834, 46.8210

Inverse Universe

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



22.2375, 17.9052, -11.7747



27.2269, 29.4809, -19.5564



21.5182, 14.5366, -1.7766



15.4350, 0.9414, -0.3616



21.0017, 41.2900, -27.6991



49.1461, 96.6225, -64.8184

Previews

White Background



This preview shows how the HunterLab color 28.4990, -16.4170, 11.6786 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

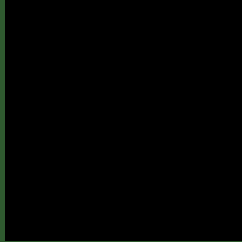
Any Text WCAG AA × Fail

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 28.4990, -16.4170, 11.6786 Background



This preview shows how black text looks on a background with the HunterLab color 28.4990, -16.4170, 11.6786.



This preview shows how white text looks on a background with the HunterLab color 28.4990,

-16.4170, 11.6786.

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

28.4990, -16.4170, 11.6786

Protanopia

28.2734, -3.0894, 12.3709

Deuteranopia

28.4243, 1.4968, 11.2467



Tritanopia

28.4789, -7.1470, -3.6562

Trichromacy



Original Color

28.4990, -16.4170, 11.6786

Protanomaly

28.1897, -8.8594, 11.9937

Deuteranomaly

28.1400, -6.1353, 11.1101

Tritanomaly

28.4518, -11.0133, 3.0907

Monochromacy



Original Color

28.4990, -16.4170, 11.6786

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

26.4719, -7.6002, 5.6462

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.4990, -16.4170, 11.6786 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(47, 90, 47)` looks like.

```
.text, #text, p{  
    color:rgb(47, 90, 47)  
}
```

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(47, 90, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 90, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 28.4990, -16.4170, 11.6786 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(47, 90, 47) }
```


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

```
.border{ border-color:rgb(47, 90, 47) }
```

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

Here you see how a box with a 4 pixel rgb(47, 90, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 90, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 90, 47);  
box-shadow:4px 4px 4px 4px rgb(47, 90, 47)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.4990, -16.4170, 11.6786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 90, 47) }
```

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

```
.background{ background-color: rgb(47, 90,  
47) }
```

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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