

Converting Colors

HunterLab(30.1116, -16.8601,
12.6490)

Have a look what the booklet for
HunterLab(30.1116, -16.8601,
12.6490) contains.

HunterLab(30.2567, -16.9982, 12.8669)	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(30.2567,
-16.9982, 12.8669)**

Conversions

Conversions Part 1

Format	Color
Hex	355F30
RGB	53, 95, 48
RGB Percent	21%, 37%, 19%
CMY	0.7922, 0.6274, 0.8118
CMYK	0.44, 0.00, 0.49, 0.63
HSL	114°, 33%, 28%
HSV	114°, 49%, 37%
XYZ	6.0939, 9.1547, 4.2422
YIQ	77.0840, -9.9450, -23.5210

Conversions

Conversions Part 2

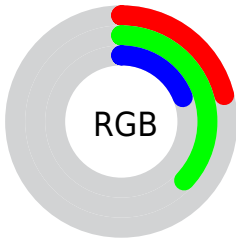
Format	Color
R_{YB}	48, 95, 90
Decimal	3497776
CIE _{Lab}	36.28, -25.23, 22.34
CIE _{LCh}	36, 33.696, 138.478
Yxy	9.1551, 0.3127, 0.4697
Android (android.graphics.Color)	4281687856 (0xFF355F30)
YUV	77.0840, -14.3384, -21.1217
Hunter-Lab	30.2567, -16.9982, 12.8669

Details

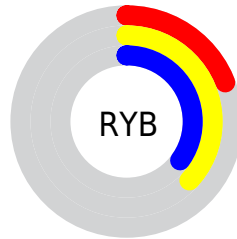
The HunterLab color $[30.2567, -16.9982, 12.8669]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[22.6144, 18.3564, -14.1297]$, and the grayscale version is $[27.3253, -1.4580, 1.4846]$.

A 20% lighter version of the original color is $[49.2024, -21.4413, 16.8968]$, and $[14.6427, -11.9963, 8.5802]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.7906, -19.1118, 14.2878]$, and if you desaturate by 10%, it is $[30.8106, -14.5331, 11.1551]$.

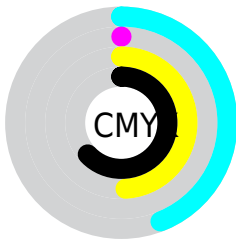
Distribution



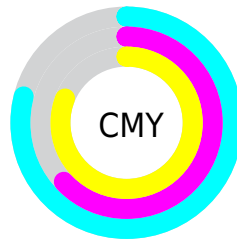
- Red (21%)
- Green (37%)
- Blue (19%)



- Red (19%)
- Yellow (37%)
- Blue (35%)



- Cyan (44%)
- Magenta (0%)
- Yellow (49%)
- Black (63%)



- Cyan (79%)
- Magenta (63%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.2567, -16.9982, 12.8669 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 30.2567, -16.9982, 12.8669 by changing the saturation by 10% instead.

■ 30.2567, -16.9982,
12.8669

■ 30.2567, -16.9982,
12.8669

■ 135.8420,
-34.5433, 29.2349

■ 22.0056, -14.6326,
10.6640

■ 49.1870, -21.3019,
16.8743

■ 14.6804, -12.0237,
8.6573

■ 59.7398, -23.3176,
18.7513

■ 8.3388, -13.6284,
5.8372

■ 70.9549, -25.2732,
20.5731

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.7954, -27.1833,
22.3538

0.0000, NaN, NaN

■ 95.2299, -29.0582,
24.1034

0.0000, NaN, NaN

■ 108.2312,

0.0000, NaN, NaN

-30.9060, 25.8298

0.0000, NaN, NaN

121.7755,
-32.7328, 27.5387

■ 30.2567, -16.9982,
12.8669

■ 30.2567, -16.9982,
12.8669

■ 29.7906, -19.1118,
14.2878

■ 30.8106, -14.5331,
11.1551

■ 29.4090, -20.8604,
15.4129

■ 31.4506, -11.7345,
9.1631

■ 29.1098, -22.2422,
16.2470

■ 32.1764, -8.6280,
6.9075

■ 28.8887, -23.2658,
16.8044

■ 32.9863, -5.2422,
4.4088

■ 28.7298, -24.0127,
17.2531

■ 33.8780, -1.6079,
1.6897

■ 28.7228, -24.0464,
17.2779

■ 34.8484, 2.2441,
-1.2265

■ 35.8944, 6.2841,
-4.3163

■ 37.0123, 10.4839,
-7.5574

■ 38.1986, 14.8182,
-10.9290

Harmonies

Analogous

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



30.2573, -8.5740, 15.9276



30.2567, -16.9982, 12.8669



30.2573, -21.0352, 5.7040

Triad

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



30.2573, -16.9987, 12.8671



30.2573, -6.0798, -28.6390



30.2573, 23.4682, 7.7996

Complementary

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



30.2567, -16.9982, 12.8669



22.6144, 18.3564, -14.1297

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.



30.2573, 24.4148, -3.0634



30.2567, -16.9982, 12.8669



30.2573, 6.0336, -27.3659

Square

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



30.2573, -16.9987, 12.8671



30.2573, -15.4182, -19.7721



30.2573, 17.6268, -16.7702



30.2573, 15.2123, 13.8857

Rectangle

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



30.2567, -16.9982, 12.8669



30.2573, -21.1897, -1.7637



30.2573, 17.6268, -16.7702



30.2573, 24.6944, 4.7017

Sweetspot

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



30.2573, -16.9987, 12.8671



42.5224, -9.5479, 7.7590



31.4289, -4.6309, 14.0098



20.7457, -4.9653, 4.0127



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



30.2573, -16.9987, 12.8671



38.9164, -25.3299, 18.9075



30.3426, -16.0656, 8.3387



16.9350, -2.5838, 2.1831



34.2202, -28.7604, 20.5828



78.9662, -67.0203, 47.4853

Inverse Universe

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



22.6144, 18.3564, -14.1297



27.0885, 29.8212, -23.3711



22.5447, 16.8850, -4.2701



16.1741, 0.8831, -0.4481



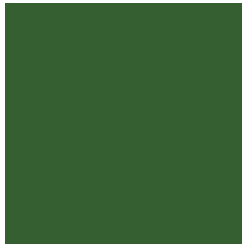
19.7456, 39.7620, -33.3413



45.3880, 91.5497, -77.8127

Previews

White Background



This preview shows how the HunterLab color 30.2567, -16.9982, 12.8669 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

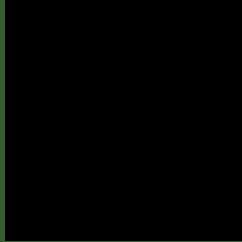
Any Text WCAG AA × Fail

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 30.2567, -16.9982, 12.8669 Background



This preview shows how black text looks on a background with the HunterLab color 30.2567, -16.9982, 12.8669.



This preview shows how white text looks on a background with the HunterLab color 30.2567,

-16.9982, 12.8669.

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

30.2567, -16.9982, 12.8669

Protanopia

30.1100, -3.2613, 13.6080

Deuteranopia

30.0124, 1.8001, 12.3378



Tritanopia

30.3307, -7.1722, -3.5431

Trichromacy



Original Color

30.2567, -16.9982, 12.8669

Protanomaly

30.0071, -9.1475, 13.2230

Deuteranomaly

29.6937, -5.9780, 12.1671

Tritanomaly

30.2467, -11.3731, 3.9388

Monochromacy



Original Color

30.2567, -16.9982, 12.8669

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

28.2187, -8.0285, 6.4181

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.2567, -16.9982, 12.8669 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(53, 95, 48)` looks like.

```
.text, #text, p{  
    color:rgb(53, 95, 48)  
}
```

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(53, 95, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 95, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 30.2567, -16.9982, 12.8669 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(53, 95, 48) }
```


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

```
.border{ border-color:rgb(53, 95, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 95, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 95, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 95, 48);  
box-shadow:4px 4px 4px 4px rgb(53, 95, 48)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.2567, -16.9982, 12.8669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 95, 48) }
```

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

```
.background{ background-color: rgb(53, 95,  
48) }
```

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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