

Converting Colors

HunterLab(33.9723, -15.9538,
18.1876)

Have a look what the booklet for
HunterLab(33.9723, -15.9538,
18.1876) contains.

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Color

**HunterLab(34.0415,
-16.1272, 18.1878)**

Conversions

Conversions Part 1

Format	Color
Hex	4D6821
RGB	77, 104, 33
RGB Percent	30%, 41%, 13%
CMY	0.6980, 0.5921, 0.8706
CMYK	0.26, 0.00, 0.68, 0.59
HSL	83°, 52%, 27%
HSV	83°, 68%, 41%
XYZ	8.2854, 11.5882, 3.2389
YIQ	87.8330, 6.6990, -27.8050

Conversions

Conversions Part 2

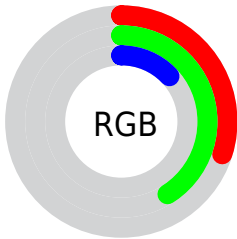
Format	Color
R_{YB}	33, 104, 60
Decimal	5072929
CIE _{Lab}	40.55, -22.07, 35.54
CIE _{LCh}	41, 41.833, 121.842
Yxy	11.5887, 0.3585, 0.5014
Android (android.graphics.Color)	4283263009 (0xFF4D6821)
YUV	87.8330, -27.0327, -9.5005
Hunter-Lab	34.0415, -16.1272, 18.1878

Details

The HunterLab color $[34.0415, -16.1272, 18.1878]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[17.4591, 19.6105, -33.3763]$, and the grayscale version is $[31.2727, -1.6686, 1.6991]$.

A 20% lighter version of the original color is $[53.5032, -19.8708, 23.9940]$, and $[17.8949, -11.3807, 10.8275]$ is the 20% darker color. If you saturate the color by 10%, you get $[33.7337, -17.4840, 19.0922]$, and if you desaturate by 10%, it is $[34.3888, -14.5880, 16.9272]$.

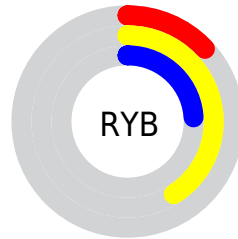
Distribution



Red (30%)

Green (41%)

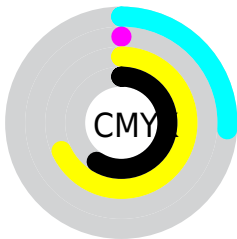
Blue (13%)



Red (13%)

Yellow (41%)

Blue (24%)

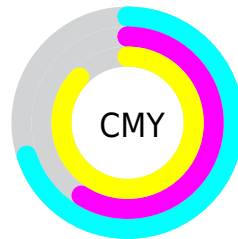


Cyan (26%)

Magenta (0%)

Yellow (68%)

Black (59%)



Cyan (70%)

Magenta (59%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.0415, -16.1272, 18.1878 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 34.0415, -16.1272, 18.1878 by changing the saturation by 10% instead.

■ 34.0415, -16.1272,
18.1878

■ 34.0415, -16.1272,
18.1878

■ 142.0082,
-31.9657, 41.2252

■ 25.4250, -14.0829,
14.9571

■ 53.6133, -19.9215,
24.0230

■ 17.6901, -11.8727,
12.3831

■ 64.4541, -21.7241,
26.7175

■ 10.9529, -9.8484,
7.6670

■ 75.9407, -23.4857,
29.3046

■ 2.4785, -4.3374,
1.7350

■ 88.0386, -25.2168,
31.8056

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.7184,
-26.9250, 34.2367

0.0000, NaN, NaN

■ 113.9545,

0.0000, NaN, NaN

-28.6164, 36.6107

0.0000, NaN, NaN

127.7244,
-30.2954, 38.9375

34.0415, -16.1272,
18.1878

34.0415, -16.1272,
18.1878

33.7337, -17.4840,
19.0922

34.3888, -14.5880,
16.9272

33.4614, -18.6620,
19.6642

34.7747, -12.8615,
15.2936

33.2167, -19.7103,
20.0306

35.2007, -10.9488,
13.2777

33.1756, -19.8873,
20.0945

35.6673, -8.8528,
10.8756

36.1749, -6.5784,
8.0884

■ 36.7233, -4.1321,
4.9211

■ 37.3123, -1.5216,
1.3823

■ 37.9414, 1.2445,
-2.5166

■ 38.6100, 4.1569,
-6.7621

Harmonies

Analogous

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



34.0423, -2.7689, 19.7339



34.0415, -16.1272, 18.1878



34.0423, -24.2671, 12.6808

Triad

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



34.0423, -16.1280, 18.1880



34.0423, -14.7441, -33.7067



34.0423, 33.2893, 2.7499

Complementary

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



34.0415, -16.1272, 18.1878



17.4591, 19.6105, -33.3763

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.



34.0423, 28.5633, -14.3795



34.0415, -16.1272, 18.1878



34.0423, -0.8570, -40.2727

Square

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



34.0423, -16.1280, 18.1880



34.0423, -23.5741, -16.7024



34.0423, 15.3322, -31.9965



34.0423, 27.3023, 13.6530

Rectangle

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



34.0415, -16.1272, 18.1878



34.0423, -26.5347, 5.6272



34.0423, 15.3322, -31.9965



34.0423, 32.8980, -2.4099

Sweetspot

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



34.0423, -16.1280, 18.1880



47.7549, -9.4252, 11.6054



24.8690, 10.6673, 12.0801



23.5185, -4.9666, 6.1174



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



34.0423, -16.1280, 18.1880



44.4572, -24.1278, 25.7955



32.4240, -22.6139, 16.9522



17.9404, -2.0988, 2.5100



36.8079, -22.1807, 22.2926



83.7546, -51.8889, 50.7008

Inverse Universe

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



17.4591, 19.6105, -33.3763



18.9609, 32.6803, -59.5928



21.2026, 27.8379, -23.0727



16.7621, 0.2919, -0.7444



13.2651, 32.0045, -63.4250



29.5092, 72.3105, -149.7281

Previews

White Background



This preview shows how the HunterLab color 34.0415, -16.1272, 18.1878 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 34.0415, -16.1272, 18.1878 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 34.0415, -16.1272, 18.1878 Background



This preview shows how black text looks on a background with the HunterLab color 34.0415, -16.1272, 18.1878.



This preview shows how white text looks on a background with the HunterLab color 34.0415,

-16.1272, 18.1878.

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

34.0415, -16.1272, 18.1878

Protanopia

34.0448, -4.5594, 18.6408

Deuteranopia

33.9765, 2.0016, 17.7713



Tritanopia

33.9820, -3.4619, -2.4389

Trichromacy



Original Color

34.0415, -16.1272, 18.1878

Protanomaly

33.9334, -9.1664, 18.3615

Deuteranomaly

33.8174, -5.2874, 17.8193

Tritanomaly

33.9380, -9.2373, 7.8278

Monochromacy



Original Color

34.0415, -16.1272, 18.1878

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

32.1054, -7.8017, 9.5472

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.0415, -16.1272, 18.1878 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(77, 104, 33)` looks like.

```
.text, #text, p{  
    color:rgb(77, 104, 33)  
}
```

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(77, 104, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 104, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 34.0415, -16.1272, 18.1878 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(77, 104, 33) }
```


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

```
.border{ border-color:rgb(77, 104, 33) }
```

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

Here you see how a box with a 4 pixel rgb(77, 104, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 104, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 104, 33);  
box-shadow:4px 4px 4px 4px rgb(77, 104,  
33) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.0415, -16.1272, 18.1878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 104, 33) }
```

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

```
.background{ background-color: rgb(77, 104,  
33) }
```

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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