

Converting Colors

HunterLab(34.8250, -0.1694,
-16.0776)

Have a look what the booklet for
HunterLab(34.8250, -0.1694,
-16.0776) contains.

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Color

**HunterLab(34.8343, 0.0677,
-16.3032)**

Conversions

Conversions Part 1

Format	Color
Hex	506285
RGB	80, 98, 133
RGB Percent	31%, 38%, 52%
CMY	0.6863, 0.6157, 0.4784
CMYK	0.40, 0.26, 0.00, 0.48
HSL	220°, 25%, 42%
HSV	220°, 40%, 52%
XYZ	11.9096, 12.1343, 23.9047
YIQ	96.6080, -21.9630, 7.0690

Conversions

Conversions Part 2

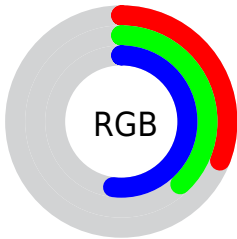
Format	Color
R_{YB}	80, 93, 133
Decimal	5268101
CIE _{Lab}	41.43, 2.66, -21.64
CIE _{LCh}	41, 21.800, 277.017
Yxy	12.1347, 0.2484, 0.2531
Android (android.graphics.Color)	4283458181 (0xFF506285)
YUV	96.6080, 17.9413, -14.5652
Hunter-Lab	34.8343, 0.0677, -16.3032

Details

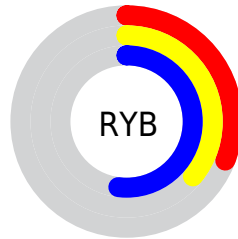
The HunterLab color $34.8343, 0.0677, -16.3032$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $42.2226, -0.9558, 15.3428$, and the grayscale version is $34.3696, -1.8339, 1.8674$.

A 20% lighter version of the original color is $54.6492, -1.0103, -16.7424$, and $18.3625, 0.4733, -15.1005$ is the 20% darker color. If you saturate the color by 10%, you get $31.7136, 1.4543, -21.9190$, and if you desaturate by 10%, it is $38.0881, -0.9782, -11.0904$.

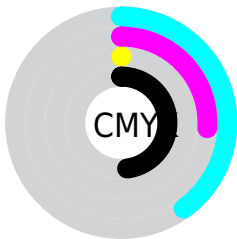
Distribution



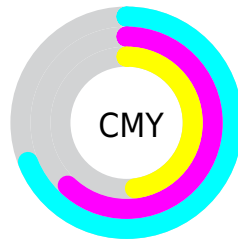
- Red (31%)
- Green (38%)
- Blue (52%)



- Red (31%)
- Yellow (36%)
- Blue (52%)



- Cyan (40%)
- Magenta (26%)
- Yellow (0%)
- Black (48%)



- Cyan (69%)
- Magenta (62%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.8343, 0.0677, -16.3032 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 34.8343, 0.0677, -16.3032 by changing the saturation by 10% instead.

■ 34.8343, 0.0677,
-16.3032

■ 34.8343, 0.0677,
-16.3032

■ 143.2813, -4.5838,
-17.8893

■ 26.1448, 0.3597,
-15.8320

■ 54.5347, -0.6802,
-17.0739

■ 18.3288, 0.5865,
-15.3404

■ 65.4335, -1.1247,
-17.3641

■ 11.4985, 0.7340,
-14.9349

■ 76.9748, -1.6111,
-17.5916

■ 3.9781, 2.7046,
-25.2272

■ 89.1247, -2.1364,
-17.7592

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 101.8541, -2.6982,
-17.8699

0.0000, NaN, NaN

115.1378, -3.2945,

0.0000, NaN, NaN

-17.9266

0.0000, NaN, NaN

128.9534, -3.9235,
-17.9322

■ 34.8343, 0.0677,
-16.3032

■ 34.8343, 0.0677,
-16.3032

■ 31.7136, 1.4543,
-21.9190

■ 38.0881, -0.9782,
-11.0904

■ 28.7448, 3.2486,
-28.0015

■ 41.4561, -1.7396,
-6.2220

■ 25.9550, 5.5238,
-34.6006

■ 44.9255, -2.2634,
-1.6425

■ 23.3761, 8.3500,
-41.7326

■ 48.4853, -2.5877,
2.6956

■ 21.0459, 11.7713,
-49.3399

■ 52.1267, -2.7436,
6.8322

■ 18.9600, 15.6460,
-57.4352

■ 55.8421, -2.7561,
10.8008

■ 18.9295, 15.7058,
-57.5645

■ 59.6256, -2.6455,
14.6291

■ 63.4717, -2.4286,
18.3400

■ 67.3762, -2.1191,
21.9525

Harmonies

Analogous

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



34.8350, -7.7502, -14.7374



34.8343, 0.0677, -16.3032



34.8350, 8.0474, -12.1710

Triad

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



34.8350, 0.0675, -16.3025



34.8350, 11.5043, 9.7058



34.8350, -15.1016, 7.2117

Complementary

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



34.8343, 0.0677, -16.3032



42.2226, -0.9558, 15.3428

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.



34.8350, -10.7717, 11.7935



34.8343, 0.0677, -16.3032



34.8350, 4.4484, 12.9863

Square

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



34.8350, 0.0675, -16.3025



34.8350, 15.0311, 3.6623



34.8350, -3.7476, 13.6517



34.8350, -16.0430, 0.0324

Rectangle

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



34.8343, 0.0677, -16.3032



34.8350, 12.2288, -7.1980



34.8350, -3.7476, 13.6517



34.8350, -14.0147, 9.0519

Sweetspot

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



34.8350, 0.0675, -16.3025



58.9821, -2.8852, -3.6519



44.3914, -18.3381, 5.5900



27.7633, -1.3376, -2.0347



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



34.8350, 0.0675, -16.3025



42.7487, 1.7877, -28.7421



30.8277, 10.4532, -23.4994



21.8725, -1.1101, -0.6395



18.5121, 15.2330, -56.0222



1.5617, -0.0617, -1.8188

Inverse Universe

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



34.0677, 17.6464, 1.1902



41.9392, 29.9820, 1.9449



46.6028, -11.4595, 18.8597



21.7092, 0.9253, 0.9772



22.2101, 38.8600, 7.9606



1.3547, 2.4601, -0.2106

Previews

White Background



This preview shows how the HunterLab color 34.8343, 0.0677, -16.3032 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 34.8343, 0.0677, -16.3032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

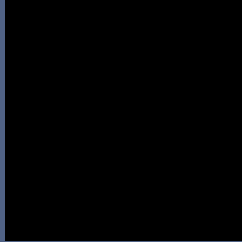
Any Text WCAG AA × Fail

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 34.8343, 0.0677, -16.3032 Background



This preview shows how black text looks on a background with the HunterLab color 34.8343, 0.0677, -16.3032.

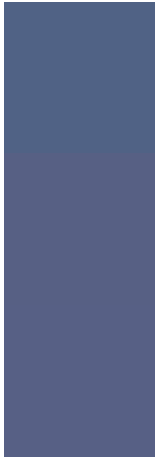


This preview shows how white text looks on a background with the HunterLab color 34.8343, 0.0677, -16.3032.

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

34.8343, 0.0677, -16.3032

Protanopia

34.7245, 2.3477, -15.8349

Deuteranopia

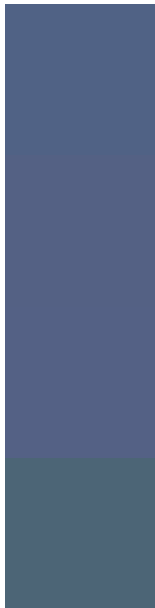
34.7641, 2.5597, -16.3791



Tritanopia

34.7626, -7.4842, -3.8708

Trichromacy



Original Color

34.8343, 0.0677, -16.3032

Protanomaly

34.7853, 1.1947, -15.7525

Deuteranomaly

34.8248, 1.4076, -16.2960

Tritanomaly

34.8595, -5.1687, -7.7616

Monochromacy



Original Color

34.8343, 0.0677, -16.3032

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

34.4954, -1.3581, -4.1231

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.8343, 0.0677, -16.3032 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(80, 98, 133)` looks like.

```
.text, #text, p{  
    color:rgb(80, 98, 133)  
}
```

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(80, 98, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 98, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 34.8343, 0.0677, -16.3032 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(80, 98, 133) }
```


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

```
.border{ border-color:rgb(80, 98, 133) }
```

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

Here you see how a box with a 4 pixel rgb(80, 98, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 98, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 98, 133);  
box-shadow:4px 4px 4px 4px rgb(80, 98,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.8343, 0.0677, -16.3032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 98, 133) }
```

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

```
.background{ background-color: rgb(80, 98,  
133) }
```

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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