

Converting Colors

HunterLab(33.4197, -15.8456,
20.3156)

Have a look what the booklet for
HunterLab(33.4197, -15.8456,
20.3156) contains.

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Color

**HunterLab(33.4141,
-15.8673, 20.3118)**

Conversions

Conversions Part 1

Format	Color
Hex	4F6600
RGB	79, 102, 0
RGB Percent	31%, 40%, 0%
CMY	0.6902, 0.6000, 1.0000
CMYK	0.23, 0.00, 1.00, 0.60
HSL	74°, 100%, 20%
HSV	74°, 100%, 40%
XYZ	7.9758, 11.1650, 1.7347
YIQ	83.4950, 19.0340, -36.5980

Conversions

Conversions Part 2

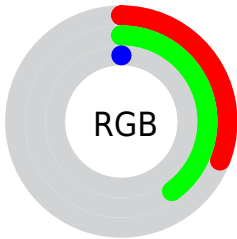
Format	Color
RYB	0, 102, 23
Decimal	5203456
CIELab	39.86, -21.86, 45.98
CIELCh	40, 50.912, 115.431
Yxy	11.1655, 0.3821, 0.5348
Android (android.graphics.Color)	4283393536 (0xFF4F6600)
YUV	83.4950, -41.1630, -3.9421
Hunter-Lab	33.4141, -15.8673, 20.3118

Details

The HunterLab color **33.4141, -15.8673, 20.3118** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **10.6853, 27.2739, -62.6921**, and the grayscale version is **29.7321, -1.5864, 1.6154**.

A 20% lighter version of the original color is **52.8330, -19.7677, 27.7172**, and **17.3020, -10.9564, 10.4696** is the 20% darker color. If you saturate the color by 10%, you get **33.4147, -15.8687, 20.3122**, and if you desaturate by 10%, it is **33.5980, -15.0897, 19.9216**.

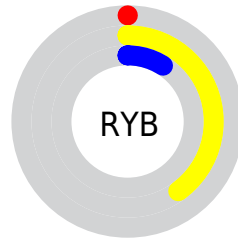
Distribution



Red (31%)

Green (40%)

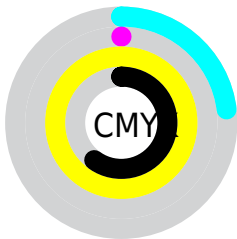
Blue (0%)



Red (0%)

Yellow (40%)

Blue (9%)

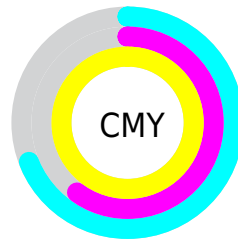


Cyan (23%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (69%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.4141, -15.8673, 20.3118 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 33.4141, -15.8673, 20.3118 by changing the saturation by 10% instead.

■ 33.4141, -15.8673,
20.3118

■ 33.4141, -15.8673,
20.3118

■ 140.9963,
-31.6284, 49.0292

■ 24.8561, -13.8298,
16.4821

■ 52.8827, -19.6450,
27.7094

■ 17.1866, -11.6237,
12.0306

■ 63.6771, -21.4388,
31.1052

■ 10.5245, -9.8771,
7.3672

■ 75.1198, -23.1915,
34.3474

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.1762, -24.9137,
37.4631

0.0000, NaN, NaN

■ 99.8163, -26.6132,
40.4736

0.0000, NaN, NaN


■ 113.0143,


0.0000, NaN, NaN


-28.2960, 43.3962


0.0000, NaN, NaN


 126.7477,
-29.9665, 46.2443


 33.4141, -15.8673,
20.3118


 33.4141, -15.8673,
20.3118


 33.4147, -15.8687,
20.3122

 33.5980, -15.0897,
19.9216

 33.7959, -14.2376,
19.3810

 34.0204, -13.2456,
18.5192

 34.2733, -12.1044,
17.3085

 34.5561, -10.8080,
15.7290

■ 34.8701, -9.3529,
13.7665

■ 35.2162, -7.7378,
11.4124

■ 35.5951, -5.9630,
8.6625

■ 36.0070, -4.0305,
5.5167

Harmonies

Analogous

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



33.4149, 1.1290, 21.1071



33.4141, -15.8673, 20.3118



33.4149, -26.5414, 15.9900

Triad

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



33.4149, -15.8682, 20.3120



33.4149, -19.8402, -40.3944



33.4149, 42.1521, -1.0231

Complementary

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



33.4141, -15.8673, 20.3118



10.6853, 27.2739, -62.6921

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.



33.4149, 33.2849, -23.9976



33.4141, -15.8673, 20.3118



33.4149, -4.6019, -53.4111

Square

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



33.4149, -15.8682, 20.3120



33.4149, -28.4560, -16.4593



33.4149, 15.1034, -46.1756



33.4149, 37.2916, 13.4271

Rectangle

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



33.4141, -15.8673, 20.3118



33.4149, -29.9542, 9.3311



33.4149, 15.1034, -46.1756



33.4149, 40.6320, -7.9823

Sweetspot

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



33.4149, -15.8682, 20.3120



46.5943, -10.4406, 15.4039



18.4467, 23.5398, 11.7783



22.5640, -5.3845, 7.9466



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



33.4149, -15.8682, 20.3120



44.1943, -21.2323, 26.8606



31.2460, -24.6561, 18.8216



17.9956, -1.9037, 2.5735



37.8444, -18.0717, 23.0032



86.1951, -42.1794, 52.3746

Inverse Universe

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



10.6853, 27.2739, -62.6921



13.9893, 35.9832, -84.1848



15.4273, 32.6359, -38.2355



16.7055, 0.0986, -0.8202



12.0419, 30.8532, -71.5285



26.8845, 69.9414, -167.9041

Previews

White Background



This preview shows how the HunterLab color 33.4141, -15.8673, 20.3118 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 33.4141, -15.8673, 20.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

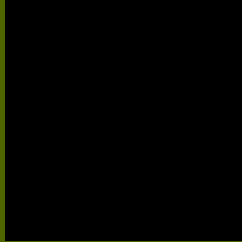
Any Text WCAG AA × Fail

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 33.4141, -15.8673, 20.3118 Background



This preview shows how black text looks on a background with the HunterLab color 33.4141, -15.8673, 20.3118.



This preview shows how white text looks on a background with the HunterLab color 33.4141,

-15.8673, 20.3118.

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

33.4141, -15.8673, 20.3118

Deuteranopia

33.2315, 1.7959, 19.4093

Tritanopia

33.4939, -2.5766, -1.6580

Trichromacy



Original Color

33.4141, -15.8673, 20.3118

Deuteranomaly

33.1285, -5.2902, 19.6985

Tritanomaly

33.2390, -9.4706, 11.3953

Monochromacy



Original Color

33.4141, -15.8673, 20.3118

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

30.5994, -8.1737, 12.1859

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.4141, -15.8673, 20.3118 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(79, 102, 0)` looks like.

```
.text, #text, p{  
    color:rgb(79, 102, 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(79, 102, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 102, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 33.4141, -15.8673, 20.3118 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(79, 102, 0) }
```

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

```
.border{ border-color:rgb(79, 102, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 102, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 102, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 102, 0);  
box-shadow:4px 4px 4px 4px rgb(79, 102, 0)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 33.4141, -15.8673, 20.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 102, 0) }
```

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

```
.background{ background-color: rgb(79, 102,  
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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