

Converting Colors

HunterLab(33.6691, -14.8771,
20.4863)

Have a look what the booklet for
HunterLab(33.6691, -14.8771,
20.4863) contains.

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Color

**HunterLab(33.6775,
-14.8445, 20.4920)**

Conversions

Conversions Part 1

Format	Color
Hex	536600
RGB	83, 102, 0
RGB Percent	33%, 40%, 0%
CMY	0.6745, 0.6000, 1.0000
CMYK	0.19, 0.00, 1.00, 0.60
HSL	71°, 100%, 20%
HSV	71°, 100%, 40%
XYZ	8.3186, 11.3417, 1.7508
YIQ	84.6910, 21.4180, -35.7500

Conversions

Conversions Part 2

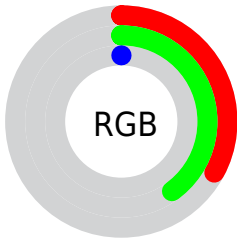
Format	Color
RYB	0, 102, 19
Decimal	5465600
CIELab	40.15, -20.03, 46.33
CIELCh	40, 50.476, 113.385
Yxy	11.3423, 0.3885, 0.5297
Android (android.graphics.Color)	4283655680 (0xFF536600)
YUV	84.6910, -41.7527, -1.4830
Hunter-Lab	33.6775, -14.8445, 20.4920

Details

The HunterLab color $[33.6775, -14.8445, 20.4920]$ is a dark color, and the websafe version is hex 666600 . A complement of this color would be $[10.4787, 27.0969, -64.1975]$, and the grayscale version is $[30.1699, -1.6098, 1.6392]$.

A 20% lighter version of the original color is $[53.2186, -18.3085, 28.0129]$, and $[17.4806, -10.2359, 10.5923]$ is the 20% darker color. If you saturate the color by 10%, you get $[33.6782, -14.8459, 20.4924]$, and if you desaturate by 10%, it is $[33.8412, -14.1513, 20.0915]$.

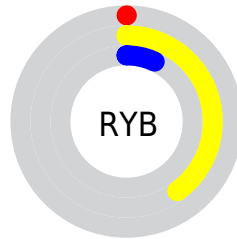
Distribution



Red (33%)

Green (40%)

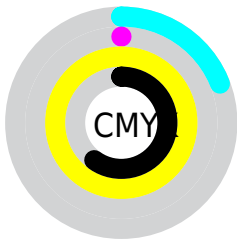
Blue (0%)



Red (0%)

Yellow (40%)

Blue (7%)

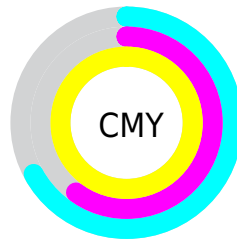


Cyan (19%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (67%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.6775, -14.8445, 20.4920 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 33.6775, -14.8445, 20.4920 by changing the saturation by 10% instead.

33.6775, -14.8445,
20.4920

33.6775, -14.8445,
20.4920

141.4216,
-29.7243, 49.3644

25.0949, -12.9518,
16.6324

53.1896, -18.3764,
27.9271

17.3978, -10.9130,
12.1785

64.0035, -20.0624,
31.3413

10.7040, -9.0756,
7.4928

75.4647, -21.7146,
34.6014

1.2931, -2.2629,
0.9052

87.5386, -23.3424,
37.7344

0.0000, NaN, NaN

0.0000, NaN, NaN

100.1954,
-24.9527, 40.7618


0.0000, NaN, NaN


113.4095,


0.0000, NaN, NaN


-26.5506, 43.7005


0.0000, NaN, NaN


 127.1582,
-28.1400, 46.5643


 33.6775, -14.8445,
20.4920


 33.6775, -14.8445,
20.4920


 33.6782, -14.8459,
20.4924

 33.8412, -14.1513,
20.0915

 34.0175, -13.3888,
19.5401

 34.2187, -12.4915,
18.6674

 34.4470, -11.4498,
17.4452

 34.7039, -10.2571,
15.8525

■ 34.9906, -8.9089,
13.8745

■ 35.3082, -7.4031,
11.5013

■ 35.6574, -5.7393,
8.7277

■ 36.0386, -3.9187,
5.5526

Harmonies

Analogous

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



33.6783, 2.4194, 21.1388



33.6775, -14.8445, 20.4920



33.6783, -25.9576, 16.4626

Triad

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



33.6783, -14.8455, 20.4922



33.6783, -20.5786, -38.4792



33.6783, 41.5766, -2.3246

Complementary

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



33.6775, -14.8445, 20.4920



10.4787, 27.0969, -64.1975

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.



33.6783, 31.9665, -25.4112



33.6775, -14.8445, 20.4920



33.6783, -5.8191, -52.4628

Square

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



33.6783, -14.8455, 20.4922



33.6783, -28.7310, -14.6499



33.6783, 13.5968, -46.7006



33.6783, 37.6955, 12.7301

Rectangle

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



33.6775, -14.8445, 20.4920



33.6783, -29.6651, 10.1797



33.6783, 13.5968, -46.7006



33.6783, 39.7593, -9.4128

Sweetspot

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



33.6783, -14.8455, 20.4922



46.7194, -9.9849, 15.5241



18.1129, 24.5512, 11.5903



22.6302, -5.1423, 8.0088



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.



33.6783, -14.8455, 20.4922



44.5503, -19.8479, 27.1042



31.3293, -24.3054, 18.8791



18.0097, -1.8539, 2.5897



38.1459, -16.9005, 23.2094



86.9133, -39.3811, 52.8661

Inverse Universe

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



10.4787, 27.0969, -64.1975



13.7308, 35.7670, -86.1066



15.0020, 32.0838, -39.8768



16.6913, 0.0499, -0.8393



11.8138, 30.6601, -73.2073



26.4325, 69.5761, -171.3643

Previews

White Background



This preview shows how the HunterLab color 33.6775, -14.8445, 20.4920 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 33.6775, -14.8445, 20.4920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

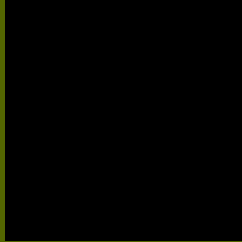
Any Text WCAG AA × Fail

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 33.6775, -14.8445, 20.4920 Background



This preview shows how black text looks on a background with the HunterLab color 33.6775, -14.8445, 20.4920.



This preview shows how white text looks on a background with the HunterLab color 33.6775,

-14.8445, 20.4920.

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

33.6775, -14.8445, 20.4920

Protanopia

33.6307, -4.9512, 20.6364

Deuteranopia

33.5826, 1.6812, 19.7126



Tritanopia

33.7163, -1.8006, -1.3607

Trichromacy



Original Color

33.6775, -14.8445, 20.4920

Protanomaly

33.6631, -9.0416, 20.5847

Deuteranomaly

33.3073, -4.6585, 19.8786

Tritanomaly

33.4540, -8.6756, 11.5991

Monochromacy



Original Color

33.6775, -14.8445, 20.4920

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

31.0376, -7.9442, 12.3193

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.6775, -14.8445, 20.4920 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(83, 102, 0)` looks like.

```
.text, #text, p{  
    color:rgb(83, 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(83, 102, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 102, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 33.6775, -14.8445, 20.4920 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(83, 102, 0) }
```


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

```
.border{ border-color:rgb(83, 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(83, 102, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 102, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 102, 0);  
box-shadow:4px 4px 4px 4px rgb(83, 102, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.6775, -14.8445, 20.4920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 102, 0) }
```

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

```
.background{ background-color: rgb(83, 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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