

Converting Colors

HunterLab(33.7426, -17.1525,
16.7006)

Have a look what the booklet for
HunterLab(33.7426, -17.1525,
16.7006) contains.

HunterLab(33.7193, -17.2201, 16.6246)	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(33.7193,
-17.2201, 16.6246)**

Conversions

Conversions Part 1

Format	Color
Hex	46682A
RGB	70, 104, 42
RGB Percent	27%, 41%, 16%
CMY	0.7255, 0.5921, 0.8353
CMYK	0.33, 0.00, 0.60, 0.59
HSL	93°, 42%, 29%
HSV	93°, 60%, 41%
XYZ	7.8940, 11.3699, 3.9690
YIQ	86.7660, -0.3620, -26.4900

Conversions

Conversions Part 2

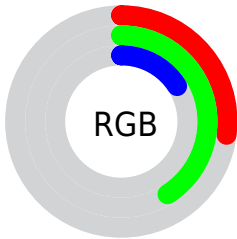
Format	Color
R_{YB}	42, 104, 76
Decimal	4614186
CIE Lab	40.20, -24.08, 30.58
CIE LCh	40, 38.918, 128.218
Yxy	11.3704, 0.3398, 0.4894
Android (android.graphics.Color)	4282804266 (0xFF46682A)
YUV	86.7660, -22.0696, -14.7038
Hunter-Lab	33.7193, -17.2201, 16.6246

Details

The HunterLab color $[33.7193, -17.2201, 16.6246]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[20.4750, 19.1588, -24.9745]$, and the grayscale version is $[30.8652, -1.6469, 1.6770]$.

A 20% lighter version of the original color is $[53.1468, -20.9579, 21.5910]$, and $[17.3508, -12.1802, 10.4783]$ is the 20% darker color. If you saturate the color by 10%, you get $[33.3215, -18.9952, 17.8188]$, and if you desaturate by 10%, it is $[34.1718, -15.2092, 15.0706]$.

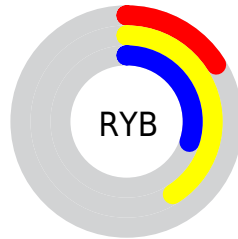
Distribution



Red (27%)

Green (41%)

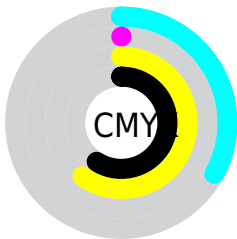
Blue (16%)



Red (16%)

Yellow (41%)

Blue (30%)

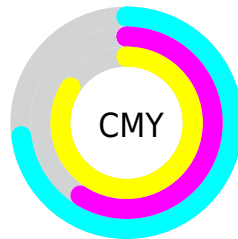


Cyan (33%)

Magenta (0%)

Yellow (60%)

Black (59%)



Cyan (73%)

Magenta (59%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.7193, -17.2201, 16.6246 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 33.7193, -17.2201, 16.6246 by changing the saturation by 10% instead.

■ 33.7193, -17.2201,
16.6246

■ 33.7193, -17.2201,
16.6246

141.4890,
-34.0344, 37.0728

■ 25.1328, -15.0148,
13.7983

■ 53.2382, -21.2872,
21.7435

■ 17.4313, -12.6181,
11.1921

■ 64.0552, -23.2093,
24.1192

■ 10.7325, -10.7115,
7.5128

■ 75.5194, -25.0821,
26.4089

■ 1.4785, -2.5874,
1.0349

■ 87.5960, -26.9176,
28.6308

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.2554,
-28.7246, 30.7987

0.0000, NaN, NaN

■ 113.4721,

0.0000, NaN, NaN

-30.5098, 32.9230

0.0000, NaN, NaN

127.2233,
-32.2783, 35.0122

■ 33.7193, -17.2201,
16.6246

■ 33.7193, -17.2201,
16.6246

■ 33.3215, -18.9952,
17.8188

■ 34.1718, -15.2092,
15.0706

■ 32.9749, -20.5315,
18.6662

■ 34.6774, -12.9654,
13.1501

■ 32.6783, -21.8337,
19.1904

■ 35.2370, -10.4973,
10.8638

■ 32.4203, -22.9650,
19.5542

■ 35.8504, -7.8158,
8.2172

■ 32.4109, -23.0067,
19.5687

■ 36.5171, -4.9334,
5.2205

■ 37.2360, -1.8637,
1.8871

■ 38.0061, 1.3786,
-1.7671

■ 38.8261, 4.7789,
-5.7243

■ 39.6945, 8.3226,
-9.9658

Harmonies

Analogous

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



33.7200, -5.6527, 18.8440



33.7193, -17.2201, 16.6246



33.7200, -23.7768, 10.1905

Triad

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



33.7200, -17.2208, 16.6248



33.7200, -11.4355, -32.7379



33.7200, 30.0606, 5.3738

Complementary

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



33.7193, -17.2201, 16.6246



20.4750, 19.1588, -24.9745

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.



33.7200, 27.8153, -9.4212



33.7193, -17.2201, 16.6246



33.7200, 2.2317, -35.8150

Square

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



33.7200, -17.2208, 16.6248



33.7200, -20.8459, -18.7591



33.7200, 17.0101, -25.9612



33.7200, 22.7133, 14.3650

Rectangle

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



33.7193, -17.2201, 16.6246



33.7200, -25.1734, 2.6411



33.7200, 17.0101, -25.9612



33.7200, 30.4235, 1.0095

Sweetspot

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



33.7200, -17.2208, 16.6248



47.5786, -9.9420, 10.4666



28.5515, 4.1004, 13.1160



23.4073, -5.3178, 5.5826



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.



33.7200, -17.2208, 16.6248



43.9237, -26.0960, 24.1515



32.5204, -21.9939, 15.2972



17.8814, -2.3083, 2.4419



35.9580, -25.6503, 21.7081



81.8105, -59.8600, 49.3633

Inverse Universe

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



20.4750, 19.1588, -24.9745



23.1611, 31.9645, -43.9877



23.5739, 26.3806, -16.5854



16.8246, 0.5043, -0.6610



15.1213, 34.0433, -53.3874



33.7647, 76.8537, -125.7045

Previews

White Background



This preview shows how the HunterLab color 33.7193, -17.2201, 16.6246 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 33.7193, -17.2201, 16.6246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

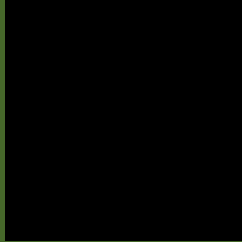
Any Text WCAG AA × Fail

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 33.7193, -17.2201, 16.6246 Background



This preview shows how black text looks on a background with the HunterLab color 33.7193, -17.2201, 16.6246.



This preview shows how white text looks on a background with the HunterLab color 33.7193,

-17.2201, 16.6246.

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

33.7193, -17.2201, 16.6246

Protanopia

33.6662, -4.3891, 17.2878

Deuteranopia

33.5001, 1.8608, 16.1006



Tritanopia

33.7899, -5.5560, -2.7265

Trichromacy



Original Color

33.7193, -17.2201, 16.6246

Protanomaly

33.4124, -9.5129, 16.8598

Deuteranomaly

33.2062, -5.9070, 15.9254

Tritanomaly

33.5560, -10.5251, 6.3883

Monochromacy



Original Color

33.7193, -17.2201, 16.6246

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

31.6749, -7.8401, 8.2222

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.7193, -17.2201, 16.6246 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(70, 104, 42)` looks like.

```
.text, #text, p{  
    color:rgb(70, 104, 42)  
}
```

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(70, 104, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 104, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 33.7193, -17.2201, 16.6246 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(70, 104, 42) }
```


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

```
.border{ border-color:rgb(70, 104, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 104, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 104, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 104, 42);  
box-shadow:4px 4px 4px 4px rgb(70, 104,  
42) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.7193, -17.2201, 16.6246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 104, 42) }
```

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

```
.background{ background-color: rgb(70, 104,  
42) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor