

Converting Colors

HunterLab(33.2351, 0.0492,
3.4206)

Have a look what the booklet for
HunterLab(33.2351, 0.0492, 3.4206)
contains.

HunterLab(33.2342, -0.0556, 3.2214)	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(33.2342, -0.0556,
3.2214)**

Conversions

Conversions Part 1

Format	Color
Hex	635C5A
RGB	99, 92, 90
RGB Percent	39%, 36%, 35%
CMY	0.6118, 0.6392, 0.6471
CMYK	0.00, 0.07, 0.09, 0.61
HSL	13°, 5%, 37%
HSV	13°, 9%, 39%
XYZ	10.8182, 11.0451, 11.2346
YIQ	93.8650, 4.8140, 0.8620

Conversions

Conversions Part 2

Format	Color
R_{YB}	99, 93, 90
Decimal	6511706
CIE Lab	39.66, 2.41, 2.15
CIE LCh	40, 3.235, 41.759
Yxy	11.0456, 0.3269, 0.3337
Android (android.graphics.Color)	4284701786 (0xFF635C5A)
YUV	93.8650, -1.9054, 4.5034
Hunter-Lab	33.2342, -0.0556, 3.2214

Details

The HunterLab color $[33.2342, -0.0556, 3.2214]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[34.0935, -3.4164, 0.4199]$, and the grayscale version is $[33.4124, -1.7828, 1.8154]$.

A 20% lighter version of the original color is $[52.6531, -0.6630, 4.4946]$, and $[16.9514, 0.5228, 1.7712]$ is the 20% darker color. If you saturate the color by 10%, you get $[31.0184, 2.0637, 4.6055]$, and if you desaturate by 10%, it is $[35.5357, -2.0627, 1.7869]$.

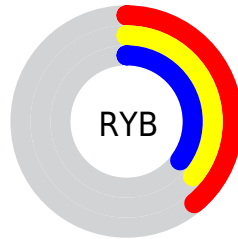
Distribution



Red (39%)

Green (36%)

Blue (35%)



Red (39%)

Yellow (36%)

Blue (35%)

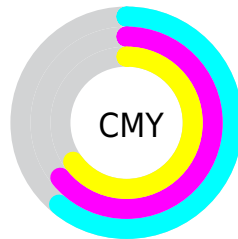


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (61%)



Cyan (61%)

Magenta (64%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.2342, -0.0556, 3.2214 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 33.2342, -0.0556, 3.2214 by changing the saturation by 10% instead.

■ 33.2342, -0.0556,
3.2214

■ 33.2342, -0.0556,
3.2214

■ 140.7054, -4.7522,
9.9767

■ 24.6932, 0.2411,
2.6174

■ 52.6730, -0.8149,
4.5243

■ 17.0425, 0.4731,
2.0443

■ 63.4539, -1.2646,
5.2206

■ 10.4022, 0.6250,
1.5004

■ 74.8841, -1.7560,
5.9460

0.0000, INF, NaN

0.0000, NaN, NaN

■ 86.9284, -2.2862,
6.6993

0.0000, NaN, NaN

■ 99.5570, -2.8529,
7.4798

0.0000, NaN, NaN

112.7441, -3.4538,

0.0000, NaN, NaN

126.4670, -4.0875,
9.1193

■ 33.2342, -0.0556,
3.2214

■ 33.2342, -0.0556,
3.2214

■ 31.0184, 2.0637,
4.6055

■ 35.5357, -2.0627,
1.7869

■ 28.8969, 4.3077,
5.9246

■ 37.9115, -3.9661,
0.3098

■ 26.8833, 6.6817,
7.1620

■ 40.3546, -5.7778,
-1.2023

■ 24.9930, 9.1851,
8.2949

■ 42.8586, -7.5084,
-2.7441

■ 23.2433, 11.8054,
9.2938

■ 45.4180, -9.1678,
-4.3118

■ 21.6543, 14.5111,
10.1231

■ 48.0281, -10.7646,
-5.9024

■ 20.2471, 17.2447,
10.7429

■ 50.6849, -12.3065,
-7.5137

■ 19.0428, 19.9159,
11.1158

■ 53.3850, -13.8005,
-9.1441

■ 18.0456, 22.3441,
11.4259

■ 56.1253, -15.2523,
-10.7921

Harmonies

Analogous

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



33.2349, 0.4875, 2.2482



33.2342, -0.0556, 3.2214



33.2349, -1.0581, 3.8045

Triad

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



33.2349, -0.0565, 3.2219



33.2349, -3.9138, 2.4811



33.2349, -1.3090, -0.3860

Complementary

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



33.2342, -0.0556, 3.2214



34.0935, -3.4164, 0.4199

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.



33.2349, -2.4861, -0.3183



33.2342, -0.0556, 3.2214



33.2349, -3.9788, 1.3638

Square

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



33.2349, -0.0565, 3.2219



33.2349, -3.2806, 3.3872



33.2349, -3.4595, 0.3313



33.2349, -0.2423, 0.1495

Rectangle

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



33.2342, -0.0556, 3.2214



33.2349, -1.8451, 3.9056



33.2349, -3.4595, 0.3313



33.2349, -1.7051, -0.4336

Sweetspot

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



33.2349, -0.0565, 3.2219



45.3266, -1.6690, 3.0984



32.9076, 1.8720, -0.0880



22.0016, -0.7298, 1.5710



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



33.2349, -0.0565, 3.2219



42.8740, 0.5299, 4.6291



34.4080, -2.0320, 4.4985



16.3429, -0.0517, 1.5654



20.3748, 26.1455, 13.0126



45.8782, 64.1413, 29.3928

Inverse Universe

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



34.0935, -3.4164, 0.4199



44.2702, -4.9354, 0.0724



32.9007, -1.4576, -1.0250



16.7536, -1.6586, 0.2253



28.3373, -9.5050, -14.9006



64.4611, -20.5317, -36.2489

Previews

White Background



This preview shows how the HunterLab color 33.2342, -0.0556, 3.2214 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 33.2342, -0.0556, 3.2214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

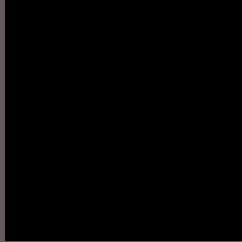
Any Text WCAG AA × Fail

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 33.2342, -0.0556, 3.2214 Background



This preview shows how black text looks on a background with the HunterLab color 33.2342, -0.0556, 3.2214.



This preview shows how white text looks on a background with the HunterLab color 33.2342, -0.0556,

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

33.2342, -0.0556, 3.2214

Protanopia

33.2729, -1.2189, 2.8445

Deuteranopia

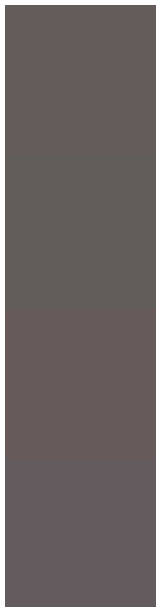
33.1566, 2.3286, 3.1748



Tritanopia

33.2766, 1.8507, -0.0511

Trichromacy



Original Color

33.2342, -0.0556, 3.2214

Protanomaly

33.3548, -0.9356, 2.9433

Deuteranomaly

33.2342, 1.2755, 3.2447

Tritanomaly

33.1930, 1.4008, 1.1394

Monochromacy



Original Color

33.2342, -0.0556, 3.2214

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

33.3254, -0.9322, 2.0941

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.2342, -0.0556, 3.2214 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(99, 92, 90)` looks like.

```
.text, #text, p{  
    color:rgb(99, 92, 90)  
}
```

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(99, 92, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 92, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 33.2342, -0.0556, 3.2214 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(99, 92, 90) }
```


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

```
.border{ border-color:rgb(99, 92, 90) }
```

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

Here you see how a box with a 4 pixel rgb(99, 92, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 92, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 92, 90);  
box-shadow:4px 4px 4px 4px rgb(99, 92, 90)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.2342, -0.0556, 3.2214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 92, 90) }
```

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

```
.background{ background-color: rgb(99, 92,  
90) }
```

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