

Converting Colors

HunterLab(33.8364, -5.8017,
2.0057)

Have a look what the booklet for
HunterLab(33.8364, -5.8017, 2.0057)
contains.

HunterLab(33.8745, -5.8778, 2.2355)	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(33.8745, -5.8778,
2.2355)**

Conversions

Conversions Part 1

Format	Color
Hex	55625E
RGB	85, 98, 94
RGB Percent	33%, 38%, 37%
CMY	0.6667, 0.6157, 0.6314
CMYK	0.13, 0.00, 0.04, 0.62
HSL	162°, 7%, 36%
HSV	162°, 13%, 38%
XYZ	10.1344, 11.4748, 12.2704
YIQ	93.6570, -6.4640, -4.0000

Conversions

Conversions Part 2

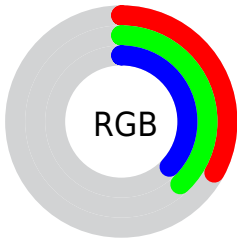
Format	Color
R_{YB}	85, 93, 98
Decimal	5595742
CIE _{Lab}	40.37, -5.88, 0.58
CIE _{LCh}	40, 5.904, 174.320
Yxy	11.4753, 0.2991, 0.3387
Android (android.graphics.Color)	4283785822 (0xFF55625E)
YUV	93.6570, 0.1691, -7.5922
Hunter-Lab	33.8745, -5.8778, 2.2355

Details

The HunterLab color **33.8745, -5.8778, 2.2355** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **31.3293, 2.6568, 1.4643**, and the grayscale version is **33.3306, -1.7784, 1.8109**.

A 20% lighter version of the original color is **53.5345, -7.7499, 3.6297**, and **17.6649, -4.2718, 1.4248** is the 20% darker color. If you saturate the color by 10%, you get **33.1584, -8.6472, 2.5894**, and if you desaturate by 10%, it is **34.6720, -2.8866, 1.9679**.

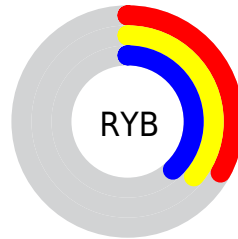
Distribution



Red (33%)

Green (38%)

Blue (37%)



Red (33%)

Yellow (36%)

Blue (38%)

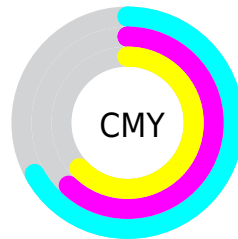


Cyan (13%)

Magenta (0%)

Yellow (4%)

Black (62%)



Cyan (67%)

Magenta (62%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.8745, -5.8778, 2.2355 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 33.8745, -5.8778, 2.2355 by changing the saturation by 10% instead.

■ 33.8745, -5.8778,
2.2355

■ 33.8745, -5.8778,
2.2355

141.7392,
-14.2262, 8.3494

■ 25.2735, -5.0211,
1.7309

■ 53.4189, -7.6198,
3.3648

■ 17.5559, -4.1626,
1.2695

■ 64.2474, -8.5112,
3.9835

■ 10.8386, -3.2856,
0.8563

■ 75.7223, -9.4189,
4.6357

■ 2.0232, -3.5405,
1.3074

■ 87.8092, -10.3440,
5.3198

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.4785,
-11.2870, 6.0344

0.0000, NaN, NaN

113.7045,

0.0000, NaN, NaN

-12.2483, 6.7783

0.0000, NaN, NaN

127.4647,
-13.2280, 7.5502

■ 33.8745, -5.8778,
2.2355

■ 33.8745, -5.8778,
2.2355

■ 33.1584, -8.6472,
2.5894

■ 34.6720, -2.8866,
1.9679

■ 32.5229, -11.1711,
3.0265

■ 35.5468, 0.3052,
1.7852

■ 31.9690, -13.4312,
3.5436

■ 36.4972, 3.6733,
1.6868

■ 31.4964, -15.4126,
4.1356

■ 37.5206, 7.1948,
1.6704

■ 31.1034, -17.1062,
4.7952

■ 38.6137, 10.8479,
1.7327

■ 30.7872, -18.5098,
5.5134

■ 39.7736, 14.6124,
1.8700

■ 30.5435, -19.6294,
6.2796

■ 40.9968, 18.4703,
2.0780

■ 30.3627, -20.4956,
7.0778

■ 42.2801, 22.4056,
2.3525

■ 30.2509, -21.0380,
7.6041

■ 43.6203, 26.4042,
2.6889

Harmonies

Analogous

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



33.8752, -5.1458, 4.0871



33.8745, -5.8778, 2.2355



33.8752, -5.5433, 0.1611

Triad

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



33.8752, -5.8785, 2.2360



33.8752, -0.0665, -1.9927



33.8752, 0.6692, 4.9242

Complementary

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



33.8745, -5.8778, 2.2355



31.3293, 2.6568, 1.4643

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.



33.8752, 2.0938, 3.4446



33.8745, -5.8778, 2.2355



33.8752, 1.6616, -0.5640

Square

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



33.8752, -5.8785, 2.2360



33.8752, -2.2230, -2.3667



33.8752, 2.4615, 1.4471



33.8752, -1.3937, 5.5750

Rectangle

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



33.8745, -5.8778, 2.2355



33.8752, -4.7550, -1.0605



33.8752, 2.4615, 1.4471



33.8752, 1.2406, 4.5120

Sweetspot

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



33.8752, -5.8785, 2.2360



45.8035, -4.1697, 2.6309



33.9432, -6.0828, 5.7967



22.3007, -2.1450, 1.2912



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.



33.8752, -5.8785, 2.2360



44.5265, -8.9921, 3.0979



33.3310, -4.2439, -0.0917



16.9781, -2.2764, 1.0457



34.8967, -24.3455, 8.9371



80.5569, -56.8887, 22.1173

Inverse Universe

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



31.3293, 2.6568, 1.4643



40.3579, 4.9934, 1.8396



31.8300, 1.0293, 3.6225



16.1296, 0.5662, 0.7875



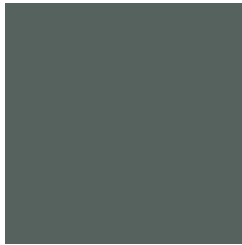
18.9116, 33.0137, 7.3591



43.5479, 75.7055, 19.3927

Previews

White Background



This preview shows how the HunterLab color 33.8745, -5.8778, 2.2355 looks on a white background.

Color Contrast Check

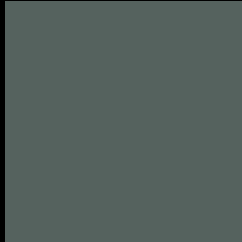
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.8745, -5.8778, 2.2355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

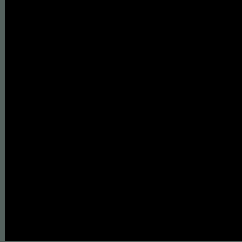
Any Text WCAG AA × Fail

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 33.8745, -5.8778, 2.2355 Background



This preview shows how black text looks on a background with the HunterLab color 33.8745, -5.8778, 2.2355.



This preview shows how white text looks on a background with the HunterLab color 33.8745, -5.8778,

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

33.8745, -5.8778, 2.2355

Protanopia

33.9095, -1.6809, 3.1617

Deuteranopia

33.7988, 2.1233, 1.8720



Tritanopia

33.7512, -2.9408, -2.2608

Trichromacy



Original Color

33.8745, -5.8778, 2.2355

Protanomaly

33.8869, -3.0825, 2.7078

Deuteranomaly

33.7239, -0.8045, 1.7324

Tritanomaly

33.8348, -4.2773, -0.3533

Monochromacy



Original Color

33.8745, -5.8778, 2.2355

Achromatopsia

33.4563, -1.7851, 1.8177

Achromatomaly

33.4914, -3.0369, 1.8371

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.8745, -5.8778, 2.2355 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(85, 98, 94)` looks like.

```
.text, #text, p{  
    color:rgb(85, 98, 94)  
}
```

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(85, 98, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 98, 94) }
```

Border

The CSS property to change the border of an element to HunterLab 33.8745, -5.8778, 2.2355 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(85, 98, 94) }
```


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

```
.border{ border-color:rgb(85, 98, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 98, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 98, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 98, 94);  
box-shadow:4px 4px 4px 4px rgb(85, 98, 94)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.8745, -5.8778, 2.2355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 98, 94) }
```

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

```
.background{ background-color: rgb(85, 98,  
94) }
```

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