

Converting Colors

HunterLab(33.1088, -2.7776,
-0.3398)

Have a look what the booklet for
HunterLab(33.1088, -2.7776,
-0.3398) contains.

HunterLab(33.1088, -2.7776, -0.3398)	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(33.1088, -2.7776,
-0.3398)**

Conversions

Conversions Part 1

Format	Color
Hex	585E62
RGB	88, 94, 98
RGB Percent	35%, 37%, 38%
CMY	0.6549, 0.6314, 0.6157
CMYK	0.10, 0.04, 0.00, 0.62
HSL	204°, 5%, 36%
HSV	204°, 10%, 38%
XYZ	10.2318, 10.9619, 13.1318
YIQ	92.6620, -4.8600, -0.0280

Conversions

Conversions Part 2

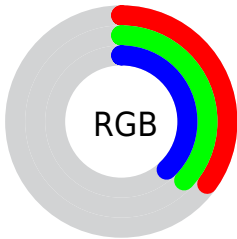
Format	Color
R_{YB}	88, 92, 98
Decimal	5791330
CIE Lab	39.52, -1.44, -3.10
CIE LCh	40, 3.415, 245.012
Yxy	10.9624, 0.2981, 0.3194
Android (android.graphics.Color)	4283981410 (0xFF585E62)
YUV	92.6620, 2.6316, -4.0886
Hunter-Lab	33.1088, -2.7776, -0.3398

Details

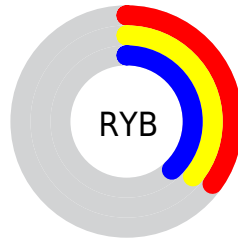
The HunterLab color **33.1088, -2.7776, -0.3398** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **33.0990, -0.6203, 3.8461**, and the grayscale version is **32.9521, -1.7582, 1.7903**.

A 20% lighter version of the original color is **52.4592, -3.7457, 0.1234**, and **16.9571, -1.5369, -0.9374** is the 20% darker color. If you saturate the color by 10%, you get **31.3632, -3.5139, -2.5804**, and if you desaturate by 10%, it is **34.9113, -1.8845, 1.8546**.

Distribution



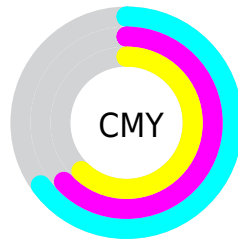
- Red (35%)
- Green (37%)
- Blue (38%)



- Red (35%)
- Yellow (36%)
- Blue (38%)



- Cyan (10%)
- Magenta (4%)
- Yellow (0%)
- Black (62%)



- Cyan (65%)
- Magenta (63%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.1088, -2.7776, -0.3398 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 33.1088, -2.7776, -0.3398 by changing the saturation by 10% instead.

■ 33.1088, -2.7776,
-0.3398

■ 33.1088, -2.7776,
-0.3398

■ 140.5024, -9.1454,
4.2490

■ 24.5796, -2.2260,
-0.6148

■ 52.5267, -3.9852,
0.3827

■ 16.9421, -1.7099,
-0.8217

■ 63.2983, -4.6368,
0.8174

■ 10.3171, -1.2308,
-0.9455

■ 74.7196, -5.3188,
1.2957

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 86.7555, -6.0299,
1.8145

0.0000, NaN, NaN

■ 99.3761, -6.7690,
2.3713

0.0000, NaN, NaN

112.5556, -7.5353,

0.0000, NaN, NaN

2.9638

0.0000, NaN, NaN

126.2711, -8.3277,
3.5903

■ 33.1088, -2.7776,
-0.3398

■ 33.1088, -2.7776,
-0.3398

■ 31.3632, -3.5139,
-2.5804

■ 34.9113, -1.8845,
1.8546

■ 29.6769, -4.0718,
-4.8704

■ 36.7644, -0.8499,
4.0038

■ 28.0559, -4.4307,
-7.2095

■ 38.6650, 0.3101,
6.1112

■ 26.5054, -4.5674,
-9.5957

■ 40.6097, 1.5822,
8.1804

■ 25.0312, -4.4583,
-12.0246

■ 42.5955, 2.9546,
10.2145

■ 23.6389, -4.0806,
-14.4880

■ 44.6196, 4.4173,
12.2171

■ 22.3338, -3.4152,
-16.9741

■ 46.6797, 5.9612,
14.1911

■ 21.1201, -2.4503,
-19.4681

■ 48.7734, 7.5789,
16.1396

■ 19.9769, -1.3710,
-22.0098

■ 50.8989, 9.2635,
18.0654

Harmonies

Analogous

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



33.1095, -3.7153, 0.4625



33.1088, -2.7776, -0.3398



33.1095, -1.5580, -0.5588

Triad

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



33.1095, -2.7783, -0.3393



33.1095, 0.6617, 2.0015



33.1095, -3.1370, 3.6218

Complementary

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



33.1088, -2.7776, -0.3398



33.0990, -0.6203, 3.8461

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.



33.1095, -1.9783, 4.0013



33.1088, -2.7776, -0.3398



33.1095, 0.2245, 3.0882

Square

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



33.1095, -2.7783, -0.3393



33.1095, 0.4398, 0.8211



33.1095, -0.7463, 3.8096



33.1095, -3.9203, 2.7542

Rectangle

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



33.1088, -2.7776, -0.3398



33.1095, -0.7454, -0.3388



33.1095, -0.7463, 3.8096



33.1095, -2.7792, 3.8092

Sweetspot

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



33.1095, -2.7783, -0.3393



45.5197, -2.8562, 1.6233



34.0294, -5.4349, 3.2985



22.1156, -1.4316, 0.6985



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.



33.1095, -2.7783, -0.3393



43.3256, -3.9062, -1.0829



31.8265, -0.6456, -1.9266



16.5475, -1.3236, -0.0213



22.8665, -1.2743, -25.8304



51.1628, -0.0976, -63.7383

Inverse Universe

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



32.2250, 2.0299, 0.4078



41.9201, 3.7883, 0.1385



34.3802, -2.7535, 5.2146



16.1641, 0.7516, 0.2969



19.6651, 35.7585, -3.4267



45.2571, 81.9435, -5.1695

Previews

White Background



This preview shows how the HunterLab color 33.1088, -2.7776, -0.3398 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 33.1088, -2.7776, -0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

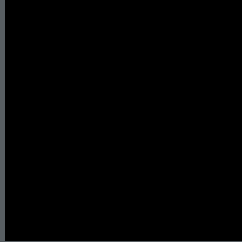
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

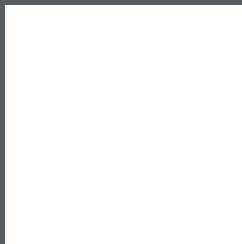
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 33.1088, -2.7776, -0.3398 Background



This preview shows how black text looks on a background with the HunterLab color 33.1088, -2.7776, -0.3398.



This preview shows how white text looks on a background with the HunterLab color 33.1088, -2.7776, -0.3398.

-0.3398.

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

33.1088, -2.7776, -0.3398

Protanopia

32.9310, -0.7202, -0.0822

Deuteranopia

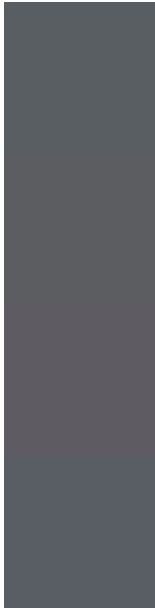
32.9634, 2.1721, -0.8822



Tritanopia

33.2699, -2.0405, -1.4760

Trichromacy



Original Color

33.1088, -2.7776, -0.3398

Protanomaly

33.0392, -1.7044, 0.0340

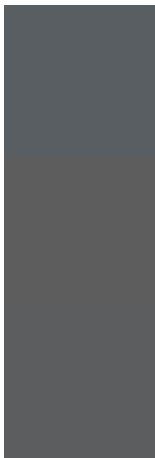
Deuteranomaly

32.8876, 0.5899, -1.0056

Tritanomaly

33.2406, -2.2013, -1.0608

Monochromacy



Original Color

33.1088, -2.7776, -0.3398

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

32.9834, -2.0103, 0.8277

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.1088, -2.7776, -0.3398 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(88, 94, 98)` looks like.

```
.text, #text, p{  
    color:rgb(88, 94, 98)  
}
```

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(88, 94, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 94, 98) }
```

Border

The CSS property to change the border of an element to HunterLab 33.1088, -2.7776, -0.3398 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(88, 94, 98) }
```


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

```
.border{ border-color:rgb(88, 94, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 94, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 94, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 94, 98);  
box-shadow:4px 4px 4px 4px rgb(88, 94, 98)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.1088, -2.7776, -0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 94, 98) }
```

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

```
.background{ background-color: rgb(88, 94,  
98) }
```

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