

Converting Colors

HunterLab(33.0621, 1.1949,
-10.1315)

Have a look what the booklet for
HunterLab(33.0621, 1.1949,
-10.1315) contains.

HunterLab(33.0768, 1.1263, -10.3211)	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(33.0768, 1.1263,
-10.3211)**

Conversions

Conversions Part 1

Format	Color
Hex	565C76
RGB	86, 92, 118
RGB Percent	34%, 36%, 46%
CMY	0.6627, 0.6392, 0.5373
CMYK	0.27, 0.22, 0.00, 0.54
HSL	229°, 16%, 40%
HSV	229°, 27%, 46%
XYZ	10.9349, 10.9407, 18.6750
YIQ	93.1700, -11.9220, 6.8140

Conversions

Conversions Part 2

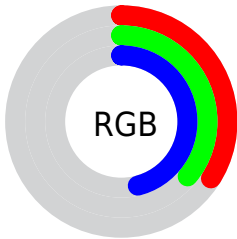
Format	Color
R _Y B	86, 91, 118
Decimal	5659766
CIE Lab	39.48, 4.04, -15.46
CIE LCh	39, 15.983, 284.641
Yxy	10.9412, 0.2697, 0.2698
Android (android.graphics.Color)	4283849846 (0xFF565C76)
YUV	93.1700, 12.2412, -6.2881
Hunter-Lab	33.0768, 1.1263, -10.3211

Details

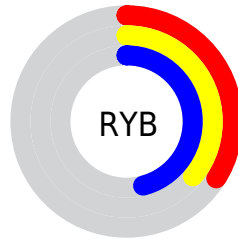
The HunterLab color **33.0768, 1.1263, -10.3211** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **40.1396, -3.7831, 11.6626**, and the grayscale version is **33.1079, -1.7666, 1.7988**.

A 20% lighter version of the original color is **52.4238, 0.4712, -10.6997**, and **16.8740, 1.7569, -9.9312** is the 20% darker color. If you saturate the color by 10%, you get **29.7812, 2.7751, -15.7231**, and if you desaturate by 10%, it is **36.4910, -0.2838, -5.3678**.

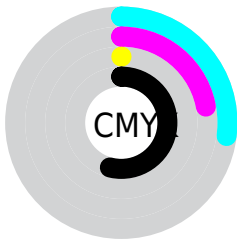
Distribution



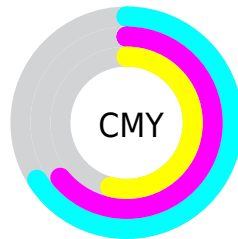
- Red (34%)
- Green (36%)
- Blue (46%)



- Red (34%)
- Yellow (36%)
- Blue (46%)



- Cyan (27%)
- Magenta (22%)
- Yellow (0%)
- Black (54%)



- Cyan (66%)
- Magenta (64%)
- Yellow (54%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.0768, 1.1263, -10.3211 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 33.0768, 1.1263, -10.3211 by changing the saturation by 10% instead.

■ 33.0768, 1.1263,
-10.3211

■ 33.0768, 1.1263,
-10.3211

■ 140.4506, -2.8662,
-10.1804

■ 24.5506, 1.3174,
-10.0112

■ 52.4894, 0.5554,
-10.7148

■ 16.9165, 1.4316,
-9.6312

■ 63.2585, 0.1906,
-10.8077

■ 10.2954, 1.4494,
-9.2185

■ 74.6775, -0.2206,
-10.8375

0.0000, INF, -NF

■ 86.7113, -0.6746,
-10.8086

0.0000, NaN, NaN

■ 99.3299, -1.1685,
-10.7252

0.0000, NaN, NaN

112.5074, -1.6997,

0.0000, NaN, NaN

-10.5907

0.0000, NaN, NaN

126.2210, -2.2662,
-10.4082

■ 33.0768, 1.1263,
-10.3211

■ 33.0768, 1.1263,
-10.3211

■ 29.7812, 2.7751,
-15.7231

■ 36.4910, -0.2838,
-5.3678

■ 26.6226, 4.7236,
-21.6838

■ 40.0063, -1.5011,
-0.7760

■ 23.6288, 7.0438,
-28.3243

■ 43.6114, -2.5631,
3.5266

■ 20.8365, 9.8160,
-35.7596

■ 47.2969, -3.4986,
7.5969

■ 18.2956, 13.1082,
-44.0411

■ 51.0551, -4.3301,
11.4798

■ 16.0713, 16.9259,
-53.0325

■ 54.8798, -5.0755,
15.2107

■ 14.2147, 21.0586,
-62.3629

■ 58.7660, -5.7487,
18.8181

■ 13.7358, 22.2177,
-65.1301

■ 62.7091, -6.3611,
22.3245

■ 66.7057, -6.9217,
25.7482

Harmonies

Analogous

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



33.0775, -4.6945, -10.2737



33.0768, 1.1263, -10.3211



33.0775, 6.5171, -6.7570

Triad

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



33.0775, 1.1259, -10.3204



33.0775, 6.6263, 8.4734



33.0775, -11.9329, 4.5119

Complementary

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



33.0768, 1.1263, -10.3211



40.1396, -3.7831, 11.6626

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.



33.0775, -9.3078, 8.5470



33.0768, 1.1263, -10.3211



33.0775, 1.2666, 10.5485

Square

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



33.0775, 1.1259, -10.3204



33.0775, 9.8394, 4.3935



33.0775, -4.5632, 10.5729



33.0775, -11.9648, -1.0210

Rectangle

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



33.0768, 1.1263, -10.3211



33.0775, 9.0279, -3.1197



33.0775, -4.5632, 10.5729



33.0775, -11.3331, 6.0646

Sweetspot

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



33.0775, 1.1259, -10.3204



52.5387, -1.8266, -1.6676



40.1205, -11.3988, 2.0408



24.9089, -0.7831, -1.1579



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



33.0775, 1.1259, -10.3204



40.9121, 2.9194, -18.4136



32.2941, 6.3863, -11.4563



19.2116, -0.6260, -0.7960



14.2337, 23.2867, -68.0601



29.8627, 56.8308, -160.0071

Inverse Universe

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



33.5860, 8.8866, 2.9760



41.8867, 15.6012, 4.3944



41.0394, -9.2232, 12.4069



19.2641, 0.6592, 1.1842



20.5633, 35.5152, 10.9628



45.2876, 78.0070, 25.7700

Previews

White Background



This preview shows how the HunterLab color 33.0768, 1.1263, -10.3211 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 33.0768, 1.1263, -10.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

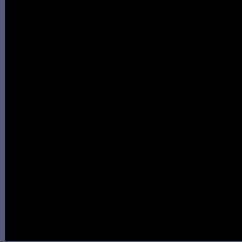
Any Text WCAG AA × Fail

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 33.0768, 1.1263, -10.3211 Background



This preview shows how black text looks on a background with the HunterLab color 33.0768, 1.1263, -10.3211.



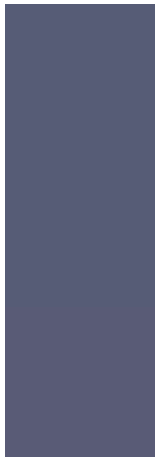
This preview shows how white text looks on a background with the HunterLab color 33.0768, 1.1263, -10.3211.

-10.3211.

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

33.0768, 1.1263, -10.3211

Protanopia

33.0768, 1.1263, -10.3211

Deuteranopia

33.0364, 2.3282, -10.3625



Tritanopia

33.1402, -3.8222, -2.1353

Trichromacy



Original Color

33.0768, 1.1263, -10.3211

Protanomaly

33.0768, 1.1263, -10.3211

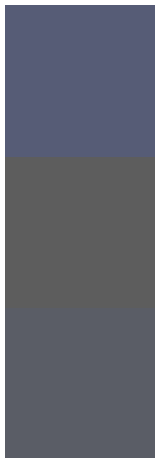
Deuteranomaly

32.9619, 2.0782, -10.4822

Tritanomaly

33.1254, -2.1131, -5.0187

Monochromacy



Original Color

33.0768, 1.1263, -10.3211

Achromatopsia

33.0850, -1.7653, 1.7976

Achromatomaly

33.1084, -1.1735, -2.1301

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.0768, 1.1263, -10.3211 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(86, 92, 118)` looks like.

```
.text, #text, p{  
    color:rgb(86, 92, 118)  
}
```

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(86, 92, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 92, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 33.0768, 1.1263, -10.3211 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(86, 92, 118) }
```


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

```
.border{ border-color:rgb(86, 92, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 92, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 92, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 92, 118);  
box-shadow:4px 4px 4px 4px rgb(86, 92,  
118) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.0768, 1.1263, -10.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 92, 118) }
```

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

```
.background{ background-color: rgb(86, 92,  
118) }
```

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