

Converting Colors

HunterLab(33.6034, -7.1122,
0.7513)

Have a look what the booklet for
HunterLab(33.6034, -7.1122, 0.7513)
contains.

HunterLab(33.5570, -6.8624, 0.5758)	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(33.5570, -6.8624,
0.5758)**

Conversions

Conversions Part 1

Format	Color
Hex	4F6261
RGB	79, 98, 97
RGB Percent	31%, 38%, 38%
CMY	0.6902, 0.6157, 0.6196
CMYK	0.19, 0.00, 0.01, 0.62
HSL	177°, 11%, 35%
HSV	177°, 19%, 38%
XYZ	9.7498, 11.2607, 12.9689
YIQ	92.2050, -11.0030, -4.3390

Conversions

Conversions Part 2

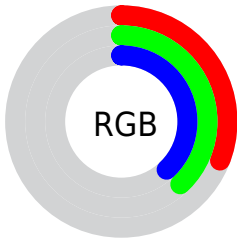
Format	Color
R_{YB}	79, 89, 98
Decimal	5202529
CIE Lab	40.02, -7.39, -1.82
CIE LCh	40, 7.614, 193.857
Yxy	11.2612, 0.2869, 0.3314
Android (android.graphics.Color)	4283392609 (0xFF4F6261)
YUV	92.2050, 2.3639, -11.5808
Hunter-Lab	33.5570, -6.8624, 0.5758

Details

The HunterLab color $[33.5570, -6.8624, 0.5758]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[29.6111, 4.1301, 3.1213]$, and the grayscale version is $[32.7854, -1.7493, 1.7813]$.

A 20% lighter version of the original color is $[53.1246, -8.9847, 1.3093]$, and $[17.4215, -5.0241, -0.0118]$ is the 20% darker color. If you saturate the color by 10%, you get $[32.9573, -9.0922, 0.0297]$, and if you desaturate by 10%, it is $[34.2382, -4.3905, 1.2167]$.

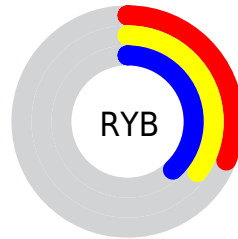
Distribution



Red (31%)

Green (38%)

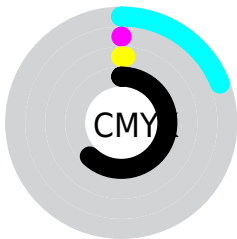
Blue (38%)



Red (31%)

Yellow (35%)

Blue (38%)

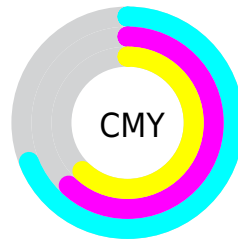


Cyan (19%)

Magenta (0%)

Yellow (1%)

Black (62%)



Cyan (69%)

Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.5570, -6.8624, 0.5758 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 33.5570, -6.8624, 0.5758 by changing the saturation by 10% instead.

■ 33.5570, -6.8624,
0.5758

■ 33.5570, -6.8624,
0.5758

141.2270,
-15.8867, 5.6920

■ 24.9856, -5.8995,
0.2222

■ 53.0492, -8.7884,
1.4383

■ 17.3011, -4.9205,
-0.0713

■ 63.8541, -9.7619,
1.9365

■ 10.6218, -3.9012,
-0.2925

■ 75.3069, -10.7467,
2.4750

■ 0.4330, -0.7578,
-17.4302

■ 87.3727, -11.7446,
3.0510

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.0219,
-12.7569, 3.6625

0.0000, NaN, NaN

113.2287,

0.0000, NaN, NaN

-13.7843, 4.3075

0.0000, NaN, NaN

126.9704,
-14.8275, 4.9844

■ 33.5570, -6.8624,
0.5758

■ 33.5570, -6.8624,
0.5758

■ 32.9573, -9.0922,
0.0297

■ 34.2382, -4.3905,
1.2167

■ 32.4374, -11.0625,
-0.4191

■ 34.9979, -1.6938,
1.9459

■ 31.9973, -12.7620,
-0.7679

■ 35.8350, 1.2067,
2.7578

■ 31.6353, -14.1845,
-1.0163

■ 36.7473, 4.2895,
3.6458

■ 31.3488, -15.3298,
-1.1662

■ 37.7322, 7.5333,
4.6031

■ 31.1336, -16.2054,
-1.2220

■ 38.7870, 10.9175,
5.6229

■ 30.9840, -16.8271,
-1.1908

■ 39.9084, 14.4229,
6.6987

■ 30.8669, -17.3224,
-1.1166

■ 41.0934, 18.0319,
7.8242

■ 30.8597, -17.3528,
-1.1121

■ 42.3389, 21.7285,
8.9936

Harmonies

Analogous

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



33.5577, -6.8107, 3.2201



33.5570, -6.8624, 0.5758



33.5577, -5.5883, -1.9205

Triad

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



33.5577, -6.8630, 0.5763



33.5577, 2.0214, -2.0817



33.5577, -0.2817, 6.3847

Complementary

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



33.5570, -6.8624, 0.5758



29.6111, 4.1301, 3.1213

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.



33.5577, 2.1802, 5.1860



33.5570, -6.8624, 0.5758



33.5577, 3.5394, 0.3707

Square

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



33.5577, -6.8630, 0.5763



33.5577, -0.4927, -3.5380



33.5577, 3.5984, 3.0306



33.5577, -3.0725, 6.4299

Rectangle

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



33.5570, -6.8624, 0.5758



33.5577, -4.1326, -3.1057



33.5577, 3.5984, 3.0306



33.5577, 0.6138, 6.1081

Sweetspot

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



33.5577, -6.8630, 0.5763



45.6349, -4.6974, 1.9080



33.1926, -9.0952, 7.0804



22.2305, -2.3553, 0.9128



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.



33.5577, -6.8630, 0.5763



44.0679, -10.3940, 0.4364



31.3330, -3.1851, -2.6151



17.0079, -2.1112, 0.6216



35.6077, -20.0407, -1.2444



82.2760, -46.4711, -2.5201

Inverse Universe

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



29.6111, 4.1301, 3.1213



37.7271, 7.3033, 4.5389



31.6478, 0.3180, 5.6483



16.1005, 0.4088, 1.2039



18.6302, 31.9743, 11.4992



43.0127, 73.7259, 27.2870

Previews

White Background



This preview shows how the HunterLab color 33.5570, -6.8624, 0.5758 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 33.5570, -6.8624, 0.5758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

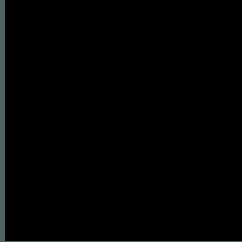
Any Text WCAG AA × Fail

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 33.5570, -6.8624, 0.5758 Background



This preview shows how black text looks on a background with the HunterLab color 33.5570, -6.8624, 0.5758.



This preview shows how white text looks on a background with the HunterLab color 33.5570, -6.8624,

0.5758.

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

33.5570, -6.8624, 0.5758

Protanopia

33.6160, -1.2310, 2.0150

Deuteranopia

33.3627, 2.1404, 0.0602



Tritanopia

33.5779, -4.8957, -2.9936

Trichromacy



Original Color

33.5570, -6.8624, 0.5758

Protanomaly

33.4429, -3.1533, 1.3582

Deuteranomaly

33.4879, -1.4552, 0.1511

Tritanomaly

33.4876, -5.3999, -1.7156

Monochromacy



Original Color

33.5570, -6.8624, 0.5758

Achromatopsia

32.7144, -1.7456, 1.7774

Achromatomaly

32.9238, -3.6525, 1.1535

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.5570, -6.8624, 0.5758 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(79, 98, 97)` looks like.

```
.text, #text, p{  
    color:rgb(79, 98, 97)  
}
```

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(79, 98, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 98, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 33.5570, -6.8624, 0.5758 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(79, 98, 97) }
```


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

```
.border{ border-color:rgb(79, 98, 97) }
```

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

Here you see how a box with a 4 pixel rgb(79, 98, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 98, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 98, 97);  
box-shadow:4px 4px 4px 4px rgb(79, 98, 97)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.5570, -6.8624, 0.5758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 98, 97) }
```

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

```
.background{ background-color: rgb(79, 98,  
97) }
```

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