

Converting Colors

HunterLab(36.8063, -9.0899,
4.1148)

Have a look what the booklet for
HunterLab(36.8063, -9.0899, 4.1148)
contains.

HunterLab(36.8977, -9.1760, 4.4030)	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(36.8977, -9.1760,
4.4030)**

Conversions

Conversions Part 1

Format	Color
Hex	576C61
RGB	87, 108, 97
RGB Percent	34%, 42%, 38%
CMY	0.6588, 0.5765, 0.6196
CMYK	0.19, 0.00, 0.10, 0.58
HSL	149°, 11%, 38%
HSV	149°, 19%, 42%
XYZ	11.4507, 13.6144, 13.3336
YIQ	100.4670, -8.9850, -7.8730

Conversions

Conversions Part 2

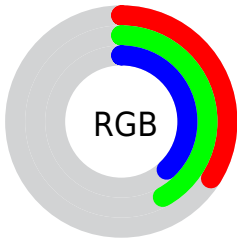
Format	Color
R_{YB}	87, 101, 108
Decimal	5729377
CIE _{Lab}	43.68, -10.27, 3.57
CIE _{LCh}	44, 10.877, 160.835
Yxy	13.6150, 0.2982, 0.3546
Android (android.graphics.Color)	4283919457 (0xFF576C61)
YUV	100.4670, -1.7092, -11.8106
Hunter-Lab	36.8977, -9.1760, 4.4030

Details

The HunterLab color $[36.8977, -9.1760, 4.4030]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[32.9950, 6.0828, -0.3273]$, and the grayscale version is $[35.8832, -1.9146, 1.9496]$.

A 20% lighter version of the original color is $[56.7915, -11.1906, 5.5492]$, and $[20.1194, -6.9895, 3.0455]$ is the 20% darker color. If you saturate the color by 10%, you get $[36.0993, -12.4293, 5.6430]$, and if you desaturate by 10%, it is $[37.7937, -5.6400, 3.1998]$.

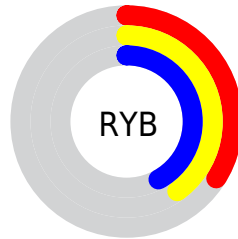
Distribution



Red (34%)

Green (42%)

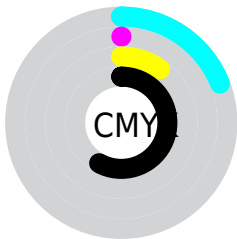
Blue (38%)



Red (34%)

Yellow (40%)

Blue (42%)

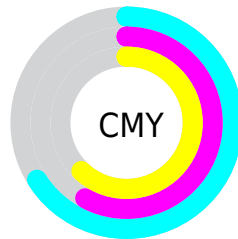


Cyan (19%)

Magenta (0%)

Yellow (10%)

Black (58%)



Cyan (66%)

Magenta (58%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.8977, -9.1760, 4.4030 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 36.8977, -9.1760, 4.4030 by changing the saturation by 10% instead.

■ 36.8977, -9.1760,
4.4030

■ 36.8977, -9.1760,
4.4030

146.5681,
-19.5205, 11.8518

■ 28.0239, -8.0178,
3.6952

■ 56.9248, -11.4516,
5.8904

■ 20.0032, -6.8249,
3.0073

■ 67.9711, -12.5839,
6.6704

■ 12.9394, -5.5675,
2.3340

■ 79.6520, -13.7193,
7.4748

■ 6.3790, -7.3591,
2.6676

■ 91.9344, -14.8606,
8.3034

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.7904,
-16.0100, 9.1557

0.0000, NaN, NaN

118.1954,

0.0000, NaN, NaN

-17.1690, 10.0316

0.0000, NaN, NaN

132.1277,
-18.3389, 10.9304

■ 36.8977, -9.1760,
4.4030

■ 36.8977, -9.1760,
4.4030

■ 36.0993, -12.4293,
5.6430

■ 37.7937, -5.6400,
3.1998

■ 35.3977, -15.3694,
6.9073

■ 38.7828, -1.8501,
2.0411

■ 34.7940, -17.9725,
8.1834

■ 39.8627, 2.1618,
0.9346

■ 34.2872, -20.2207,
9.4573

■ 41.0299, 6.3651,
-0.1143

■ 33.8749, -22.1040,
10.7138

■ 42.2807, 10.7307,
-1.1022

■ 33.5529, -23.6226,
11.9375

■ 43.6110, 15.2323,
-2.0272

■ 33.3150, -24.7893,
13.1127

■ 45.0167, 19.8461,
-2.8886

■ 33.1287, -25.7313,
14.2037

■ 46.4938, 24.5514,
-3.6870

■ 33.1186, -25.7820,
14.2606

■ 48.0381, 29.3303,
-4.4237

Harmonies

Analogous

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



36.8985, -7.0215, 7.2793



36.8977, -9.1760, 4.4030



36.8985, -9.4514, 0.5599

Triad

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



36.8985, -9.1767, 4.4035



36.8985, -0.4660, -6.2086



36.8985, 4.2321, 6.6148

Complementary

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



36.8977, -9.1760, 4.4030



32.9950, 6.0828, -0.3273

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.



36.8985, 6.1578, 3.4006



36.8977, -9.1760, 4.4030



36.8985, 3.3671, -4.1767

Square

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



36.8985, -9.1767, 4.4035



36.8985, -4.5419, -5.8638



36.8985, 5.8344, -0.5587



36.8985, 0.6727, 8.4556

Rectangle

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



36.8977, -9.1760, 4.4030



36.8985, -8.5453, -2.0775



36.8985, 5.8344, -0.5587



36.8985, 5.0989, 5.6748

Sweetspot

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



36.8985, -9.1767, 4.4035



50.4922, -5.8594, 3.7286



37.4455, -7.6499, 8.6626



24.8128, -2.9920, 1.8685



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



36.8985, -9.1767, 4.4035



48.4313, -14.0078, 6.5158



37.1750, -7.6139, 0.4558



18.6187, -2.6861, 1.5458



36.1617, -28.2040, 15.6854



81.5218, -64.3253, 36.9648

Inverse Universe

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



32.9950, 6.0828, -0.3273



42.1884, 10.4262, -1.0365



32.7176, 4.6233, 3.6280



17.7223, 0.8115, 0.4565



20.3580, 36.5424, 0.1420



45.7616, 81.7874, 3.0647

Previews

White Background



This preview shows how the HunterLab color 36.8977, -9.1760, 4.4030 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 36.8977, -9.1760, 4.4030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

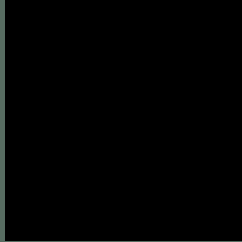
Any Text WCAG AA × Fail

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 36.8977, -9.1760, 4.4030 Background



This preview shows how black text looks on a background with the HunterLab color 36.8977, -9.1760, 4.4030.

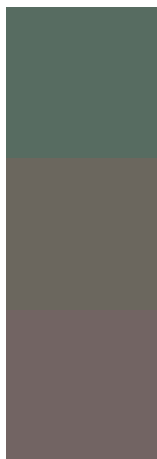


This preview shows how white text looks on a background with the HunterLab color 36.8977, -9.1760,

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

36.8977, -9.1760, 4.4030

Protanopia

36.9249, -2.0935, 5.7125

Deuteranopia

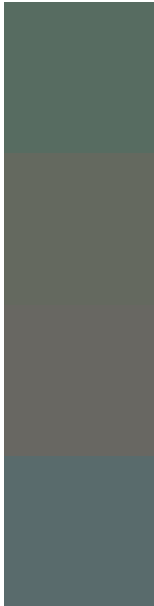
36.8681, 2.0463, 3.7704



Tritanopia

37.0090, -4.9212, -2.7853

Trichromacy



Original Color

36.8977, -9.1760, 4.4030

Protanomaly

36.9306, -4.8267, 5.2907

Deuteranomaly

36.7769, -2.4094, 3.9907

Tritanomaly

37.0431, -6.5949, 0.0026

Monochromacy



Original Color

36.8977, -9.1760, 4.4030

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

36.1030, -4.7315, 2.7779

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.8977, -9.1760, 4.4030 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(87, 108, 97)` looks like.

```
.text, #text, p{  
    color:rgb(87, 108, 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(87, 108, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 108, 97) }
```

Border

The CSS property to change the border of an element to HunterLab 36.8977, -9.1760, 4.4030 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(87, 108, 97) }
```


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

```
.border{ border-color:rgb(87, 108, 97) }
```

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

Here you see how a box with a 4 pixel rgb(87, 108, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 108, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 108, 97);  
box-shadow:4px 4px 4px 4px rgb(87, 108,  
97) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.8977, -9.1760, 4.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 108, 97) }
```

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

```
.background{ background-color: rgb(87, 108,  
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