

Converting Colors

HunterLab(33.7832, -1.5410,
2.9869)

Have a look what the booklet for
HunterLab(33.7832, -1.5410, 2.9869)
contains.

HunterLab(33.9095, -1.6809, 3.1617)	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(33.9095, -1.6809,
3.1617)**

Conversions

Conversions Part 1

Format	Color
Hex	615F5C
RGB	97, 95, 92
RGB Percent	38%, 37%, 36%
CMY	0.6196, 0.6274, 0.6392
CMYK	0.00, 0.02, 0.05, 0.62
HSL	36°, 3%, 37%
HSV	36°, 5%, 38%
XYZ	10.9538, 11.4985, 11.7674
YIQ	95.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

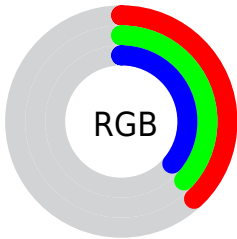
Format	Color
RYB	95, 97, 92
Decimal	6381404
CIELab	40.41, 0.18, 1.99
CIElCh	40, 1.998, 84.768
Yxy	11.4990, 0.3201, 0.3360
Android (android.graphics.Color)	4284571484 (0xFF615F5C)
YUV	95.2560, -1.6052, 1.5295
Hunter-Lab	33.9095, -1.6809, 3.1617

Details

The HunterLab color $[33.9095, -1.6809, 3.1617]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[33.3821, -1.8775, 0.4503]$, and the grayscale version is $[33.9295, -1.8104, 1.8435]$.

A 20% lighter version of the original color is $[53.3851, -2.4082, 4.4317]$, and $[17.6003, -0.8139, 2.1236]$ is the 20% darker color. If you saturate the color by 10%, you get $[32.6482, -1.2784, 5.4893]$, and if you desaturate by 10%, it is $[35.2073, -1.9714, 0.6220]$.

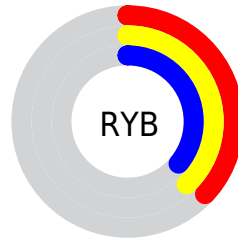
Distribution



Red (38%)

Green (37%)

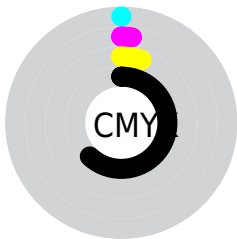
Blue (36%)



Red (37%)

Yellow (38%)

Blue (36%)

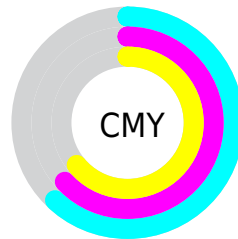


Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (62%)



Cyan (62%)

Magenta (63%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.9095, -1.6809, 3.1617 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 33.9095, -1.6809, 3.1617 by changing the saturation by 10% instead.

■ 33.9095, -1.6809,
3.1617

■ 33.9095, -1.6809,
3.1617

■ 141.7956, -7.3650,
9.8661

■ 25.3052, -1.2342,
2.5662

■ 53.4597, -2.7047,
4.4503

■ 17.5840, -0.8352,
2.0028

■ 64.2907, -3.2737,
5.1405

■ 10.8625, -0.4915,
1.4711

■ 75.7681, -3.8777,
5.8600

■ 2.1268, 0.2597,
1.4888

■ 87.8573, -4.5148,
6.6079

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.5288, -5.1835,
7.3833

0.0000, NaN, NaN

■ 113.7569, -5.8822,

0.0000, NaN, NaN

127.5192, -6.6097,
9.0131

■ 33.9095, -1.6809,
3.1617

■ 33.9095, -1.6809,
3.1617

■ 32.6482, -1.2784,
5.4893

■ 35.2073, -1.9714,
0.6220

■ 31.4232, -0.7546,
7.5869

■ 36.5374, -2.1541,
-2.1158

■ 30.2376, -0.1040,
9.4380

■ 37.8986, -2.2365,
-5.0364

■ 29.0936, 0.6791,
11.0258

■ 39.2892, -2.2253,
-8.1264

■ 27.9937, 1.5991,
12.3343

■ 40.7075, -2.1264,
-11.3731

■ 26.9401, 2.6588,
13.3493

■ 42.1522, -1.9459,
-14.7651

■ 25.9350, 3.8585,
14.0605

■ 43.6217, -1.6892,
-18.2920

■ 24.9805, 5.1946,
14.4636

■ 45.1148, -1.3614,
-21.9442

■ 24.0743, 6.6398,
14.6183

■ 46.6303, -0.9673,
-25.7133

Harmonies

Analogous

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



33.9102, -0.9890, 2.9296



33.9095, -1.6809, 3.1617



33.9102, -2.4034, 3.0483

Triad

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



33.9102, -1.6817, 3.1622



33.9102, -3.0896, 1.2756



33.9102, -0.6448, 1.0582

Complementary

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



33.9095, -1.6809, 3.1617



33.3821, -1.8775, 0.4503

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.



33.9102, -1.2149, 0.5976



33.9095, -1.6809, 3.1617



33.9102, -2.6256, 0.7251

Square

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



33.9102, -1.6817, 3.1622



33.9102, -3.2122, 1.9686



33.9102, -1.9404, 0.4744



33.9102, -0.3871, 1.7226

Rectangle

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



33.9095, -1.6809, 3.1617



33.9102, -2.8043, 2.7899



33.9102, -1.9404, 0.4744



33.9102, -0.8065, 0.8738

Sweetspot

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



33.9102, -1.6817, 3.1622



44.9173, -2.3347, 3.1392



33.1723, -0.0581, 1.5120



22.3973, -1.1670, 1.5346



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.



33.9102, -1.6817, 3.1622



44.2256, -2.1549, 4.4640



34.4039, -2.7027, 3.7025



16.9408, -0.8249, 1.7149



27.4147, 8.9083, 17.0488



61.9625, 23.4871, 38.5922

Inverse Universe

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



33.3821, -1.8775, 0.4503



43.3981, -2.4614, 0.2146



32.8918, -0.8565, -0.1333



16.6217, -0.9430, 0.0767



17.4315, 9.1027, -41.4379



38.2100, 25.8485, -103.5586

Previews

White Background



This preview shows how the HunterLab color 33.9095, -1.6809, 3.1617 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 33.9095, -1.6809, 3.1617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

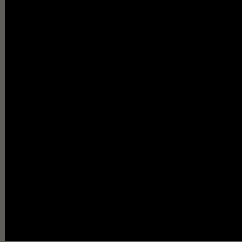
Any Text WCAG AA × Fail

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 33.9095, -1.6809, 3.1617 Background



This preview shows how black text looks on a background with the HunterLab color 33.9095, -1.6809, 3.1617.



This preview shows how white text looks on a background with the HunterLab color 33.9095, -1.6809,

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

33.9095, -1.6809, 3.1617

Protanopia

33.9909, -1.3983, 3.2592

Deuteranopia

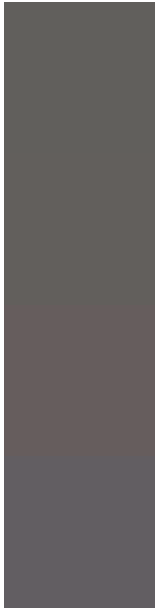
33.8347, 2.1379, 2.7391



Tritanopia

33.9730, 0.3852, -0.5461

Trichromacy



Original Color

33.9095, -1.6809, 3.1617

Protanomaly

33.9909, -1.3983, 3.2592

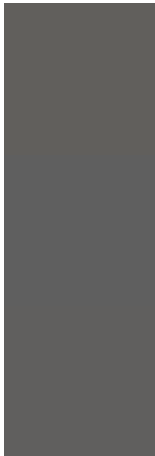
Deuteranomaly

33.8287, 0.7926, 2.7086

Tritanomaly

33.8879, -0.0760, 0.6633

Monochromacy



Original Color

33.9095, -1.6809, 3.1617

Achromatopsia

33.8283, -1.8050, 1.8380

Achromatomaly

33.8812, -1.6744, 2.3169

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.9095, -1.6809, 3.1617 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(97, 95, 92)` looks like.

```
.text, #text, p{  
    color:rgb(97, 95, 92)  
}
```

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(97, 95, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 95, 92) }
```

Border

The CSS property to change the border of an element to HunterLab 33.9095, -1.6809, 3.1617 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(97, 95, 92) }
```


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

```
.border{ border-color:rgb(97, 95, 92) }
```

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

Here you see how a box with a 4 pixel rgb(97, 95, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 95, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 95, 92);  
box-shadow:4px 4px 4px 4px rgb(97, 95, 92)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.9095, -1.6809, 3.1617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 95, 92) }
```

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

```
.background{ background-color: rgb(97, 95,  
92) }
```

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