

Converting Colors

HunterLab(31.7617, -3.2242,
5.2919)

Have a look what the booklet for
HunterLab(31.7617, -3.2242, 5.2919)
contains.

HunterLab(31.7257, -3.0790, 5.3119)	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(31.7257, -3.0790,
5.3119)**

Conversions

Conversions Part 1

Format	Color
Hex	5A5A50
RGB	90, 90, 80
RGB Percent	35%, 35%, 31%
CMY	0.6471, 0.6470, 0.6863
CMYK	0.00, 0.00, 0.11, 0.65
HSL	60°, 6%, 33%
HSV	60°, 11%, 35%
XYZ	9.3206, 10.0652, 9.0410
YIQ	88.8600, 3.2100, -3.1100

Conversions

Conversions Part 2

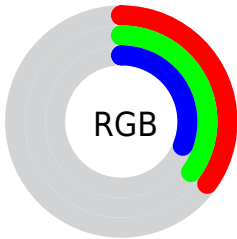
Format	Color
RYB	80, 90, 80
Decimal	5921360
CIELab	37.96, -2.01, 5.78
CIELCh	38, 6.121, 109.197
Yxy	10.0656, 0.3279, 0.3541
Android (android.graphics.Color)	4284111440 (0xFF5A5A50)
YUV	88.8600, -4.3680, 0.9998
Hunter-Lab	31.7257, -3.0790, 5.3119

Details

The HunterLab color **31.7257, -3.0790, 5.3119** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **28.6030, 0.0122, -2.4264**, and the grayscale version is **31.5706, -1.6845, 1.7153**.

A 20% lighter version of the original color is **50.9083, -4.3923, 7.1043**, and **15.9362, -2.1763, 3.5720** is the 20% darker color. If you saturate the color by 10%, you get **31.5298, -4.1686, 8.1455**, and if you desaturate by 10%, it is **31.9497, -1.8515, 2.1155**.

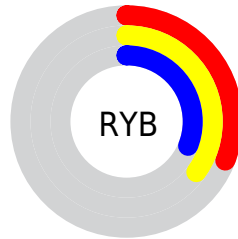
Distribution



Red (35%)

Green (35%)

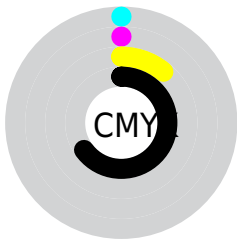
Blue (31%)



Red (31%)

Yellow (35%)

Blue (31%)

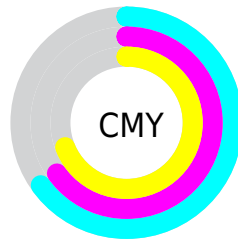


Cyan (0%)

Magenta (0%)

Yellow (11%)

Black (65%)



Cyan (65%)

Magenta (65%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.7257, -3.0790, 5.3119 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 31.7257, -3.0790, 5.3119 by changing the saturation by 10% instead.

■ 31.7257, -3.0790,
5.3119

■ 31.7257, -3.0790,
5.3119

■ 138.2534, -9.6592,
13.6171

■ 23.3292, -2.4939,
4.4596

■ 50.9106, -4.3448,
7.0412

■ 15.8403, -1.9394,
3.6017

■ 61.5774, -5.0223,
7.9263

■ 9.3873, -1.4356,
3.0634

■ 72.9000, -5.7284,
8.8283

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.8423, -6.4624,
9.7482

0.0000, NaN, NaN

■ 97.3737, -7.2232,
10.6867

0.0000, NaN, NaN

110.4677, -8.0101,

0.0000, NaN, NaN

11.6443

0.0000, NaN, NaN

124.1011, -8.8224,
12.6211

■ 31.7257, -3.0790,
5.3119

■ 31.7257, -3.0790,
5.3119

■ 31.5298, -4.1686,
8.1455

■ 31.9497, -1.8515,
2.1155

■ 31.3593, -5.1185,
10.6171

■ 32.2002, -0.4838,
-1.4442

■ 31.2141, -5.9315,
12.7324

■ 32.4782, 1.0217,
-5.3631

■ 31.0932, -6.6111,
14.5000

■ 32.7839, 2.6627,
-9.6352

■ 30.9956, -7.1619,
15.9324

■ 33.1175, 4.4361,
-14.2522

■ 30.9199, -7.5903,
17.0459

■ 33.4788, 6.3378,
-19.2041

■ 30.8646, -7.9042,
17.8616

■ 33.8679, 8.3635,
-24.4790

■ 30.8272, -8.1162,
18.4117

■ 34.2846, 10.5081,
-30.0639

■ 30.7986, -8.2786,
18.8331

■ 34.7284, 12.7661,
-35.9449

Harmonies

Analogous

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



31.7264, -0.8941, 5.4467



31.7257, -3.0790, 5.3119



31.7264, -4.8476, 4.2566

Triad

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



31.7264, -3.0798, 5.3124



31.7264, -4.4240, -1.4880



31.7264, 2.5885, 0.9599

Complementary

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



31.7257, -3.0790, 5.3119



28.6030, 0.0122, -2.4264

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.



31.7264, 1.5867, -1.0298



31.7257, -3.0790, 5.3119



31.7264, -2.4871, -2.5060

Square

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



31.7264, -3.0798, 5.3124



31.7264, -5.6089, 0.3687



31.7264, -0.2851, -2.3328



31.7264, 2.4193, 3.0277

Rectangle

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



31.7257, -3.0790, 5.3119



31.7264, -5.5701, 3.1294



31.7264, -0.2851, -2.3328



31.7264, 2.3765, 0.2574

Sweetspot

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



31.7264, -3.0798, 5.3124



42.1962, -2.7859, 3.6754



29.1384, 1.2831, 2.5343



20.7357, -1.4219, 1.9428



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



31.7264, -3.0798, 5.3124



41.8992, -4.4223, 7.9340



31.3422, -4.4415, 4.8779



16.3919, -1.4520, 2.3843



37.9045, -10.1888, 23.1782



88.6999, -23.8439, 54.2390

Inverse Universe

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



28.6030, 0.0122, -2.4264



36.9217, 0.5112, -4.4143



28.9950, 1.3455, -1.8905



15.1053, -0.1795, -0.8003



10.5751, 28.6836, -75.1295



24.7458, 67.1215, -175.8187

Previews

White Background



This preview shows how the HunterLab color 31.7257, -3.0790, 5.3119 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 31.7257, -3.0790, 5.3119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

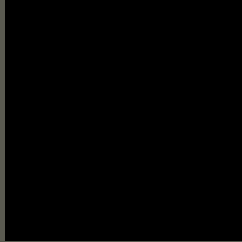
Any Text WCAG AA × Fail

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 31.7257, -3.0790, 5.3119 Background



This preview shows how black text looks on a background with the HunterLab color 31.7257, -3.0790, 5.3119.



This preview shows how white text looks on a background with the HunterLab color 31.7257, -3.0790,

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

31.7257, -3.0790, 5.3119

Protanopia

31.6803, -1.9257, 5.6437

Deuteranopia

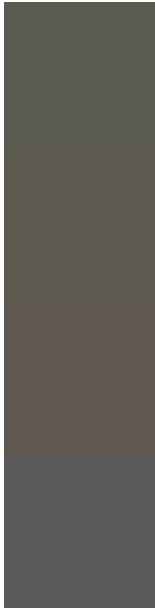
31.6486, 2.0296, 4.9538



Tritanopia

31.7506, 0.4812, -0.6440

Trichromacy



Original Color

31.7257, -3.0790, 5.3119

Protanomaly

31.5984, -2.2117, 5.5524

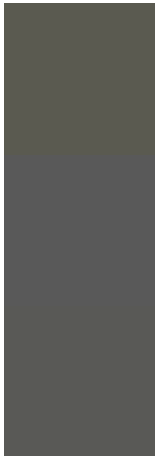
Deuteranomaly

31.5466, 0.3759, 4.8147

Tritanomaly

31.7916, -0.9920, 1.5330

Monochromacy



Original Color

31.7257, -3.0790, 5.3119

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

31.5285, -2.1155, 2.8344

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.7257, -3.0790, 5.3119 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(90, 90, 80)` looks like.

```
.text, #text, p{  
    color:rgb(90, 90, 80)  
}
```

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(90, 90, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 90, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 31.7257, -3.0790, 5.3119 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(90, 90, 80) }
```


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

```
.border{ border-color:rgb(90, 90, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 90, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 90, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 90, 80);  
box-shadow:4px 4px 4px 4px rgb(90, 90, 80)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.7257, -3.0790, 5.3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 90, 80) }
```

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

```
.background{ background-color: rgb(90, 90,  
80) }
```

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