

Converting Colors

HunterLab(31.6991, -0.0200,
3.0902)

Have a look what the booklet for
HunterLab(31.6991, -0.0200, 3.0902)
contains.

HunterLab(31.7557, 0.0127, 3.1301)	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(31.7557, 0.0127,
3.1301)**

Conversions

Conversions Part 1

Format	Color
Hex	5F5856
RGB	95, 88, 86
RGB Percent	37%, 35%, 34%
CMY	0.6274, 0.6549, 0.6627
CMYK	0.00, 0.07, 0.09, 0.63
HSL	13°, 5%, 35%
HSV	13°, 9%, 37%
XYZ	9.8888, 10.0842, 10.2294
YIQ	89.8650, 4.8140, 0.8620

Conversions

Conversions Part 2

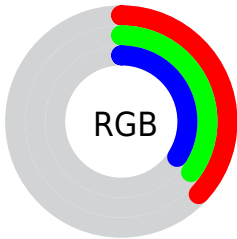
Format	Color
RYB	95, 89, 86
Decimal	6248534
CIELab	37.99, 2.43, 2.17
CIELCh	38, 3.262, 41.753
Yxy	10.0847, 0.3274, 0.3339
Android (android.graphics.Color)	4284438614 (0xFF5F5856)
YUV	89.8650, -1.9054, 4.5034
Hunter-Lab	31.7557, 0.0127, 3.1301

Details

The HunterLab color $[31.7557, 0.0127, 3.1301]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[32.6086, -3.3230, 0.3498]$, and the grayscale version is $[31.9317, -1.7038, 1.7349]$.

A 20% lighter version of the original color is $[50.9650, -0.8949, 4.2914]$, and $[15.9399, 0.4450, 2.0269]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.6473, 2.0353, 4.4470]$, and if you desaturate by 10%, it is $[33.9456, -1.9033, 1.7650]$.

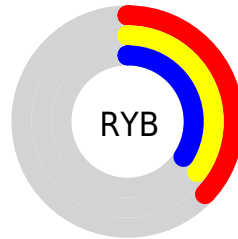
Distribution



Red (37%)

Green (35%)

Blue (34%)



Red (37%)

Yellow (35%)

Blue (34%)

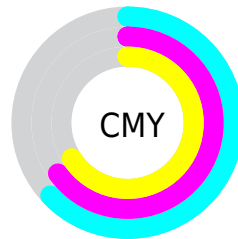


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (63%)



Cyan (63%)

Magenta (65%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.7557, 0.0127, 3.1301 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 31.7557, 0.0127, 3.1301 by changing the saturation by 10% instead.

■ 31.7557, 0.0127,
3.1301

■ 31.7557, 0.0127,
3.1301

■ 138.3024, -4.6158,
9.8516

■ 23.3563, 0.2979,
2.5301

■ 50.9457, -0.7273,
4.4248

■ 15.8641, 0.5162,
1.9607

■ 61.6148, -1.1686,
5.1172

■ 9.4074, 0.6509,
1.4693

■ 72.9396, -1.6522,
5.8387

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.8839, -2.1752,
6.5883

0.0000, NaN, NaN

■ 97.4173, -2.7350,
7.3652

0.0000, NaN, NaN

110.5132, -3.3295,

0.0000, NaN, NaN

124.1484, -3.9570,
8.9975

■ 31.7557, 0.0127,
3.1301

■ 31.7557, 0.0127,
3.1301

■ 29.6473, 2.0353,
4.4470

■ 33.9456, -1.9033,
1.7650

■ 27.6285, 4.1763,
5.7020

■ 36.2063, -3.7205,
0.3593

■ 25.7124, 6.4407,
6.8791

■ 38.5311, -5.4504,
-1.0798

■ 23.9133, 8.8276,
7.9566

■ 40.9139, -7.1029,
-2.5472

■ 22.2479, 11.3249,
8.9069

■ 43.3494, -8.6875,
-4.0394

■ 20.7347, 13.9030,
9.6962

■ 45.8332, -10.2123,
-5.5535

■ 19.3940, 16.5074,
10.2868

■ 48.3615, -11.6847,
-7.0873

■ 18.2455, 19.0530,
10.6432

■ 50.9310, -13.1111,
-8.6393

■ 17.2906, 21.3584,
10.9791

■ 53.5389, -14.4972,
-10.2080

Harmonies

Analogous

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



31.7564, 0.5526, 2.1645



31.7557, 0.0127, 3.1301



31.7564, -0.9836, 3.7081

Triad

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



31.7564, 0.0118, 3.1306



31.7564, -3.8194, 2.3960



31.7564, -1.2333, -0.4547

Complementary

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



31.7557, 0.0127, 3.1301



32.6086, -3.3230, 0.3498

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.



31.7564, -2.4024, -0.3872



31.7557, 0.0127, 3.1301



31.7564, -3.8840, 1.2864

Square

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



31.7564, 0.0118, 3.1306



31.7564, -3.1909, 3.2948



31.7564, -3.3688, 0.2596



31.7564, -0.1732, 0.0783

Rectangle

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



31.7557, 0.0127, 3.1301



31.7564, -1.7654, 3.8083



31.7564, -3.3688, 0.2596



31.7564, -1.6268, -0.5020

Sweetspot

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



31.7564, 0.0118, 3.1306



43.3773, -1.6002, 2.9626



31.4322, 1.9260, -0.1543



21.1427, -0.7046, 1.5069



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



31.7564, 0.0118, 3.1306



41.0398, 0.4950, 4.4214



32.9203, -1.9493, 4.3946



16.3429, -0.0517, 1.5654



20.3747, 26.1459, 13.0125



45.8780, 64.1422, 29.3927

Inverse Universe

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



32.6086, -3.3230, 0.3498



42.3705, -4.7137, 0.0789



31.4244, -1.3790, -1.0878



16.7536, -1.6586, 0.2253



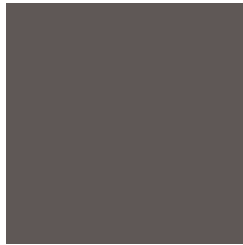
28.3377, -9.5055, -14.9000



64.4620, -20.5329, -36.2473

Previews

White Background



This preview shows how the HunterLab color 31.7557, 0.0127, 3.1301 looks on a white background.

Color Contrast Check

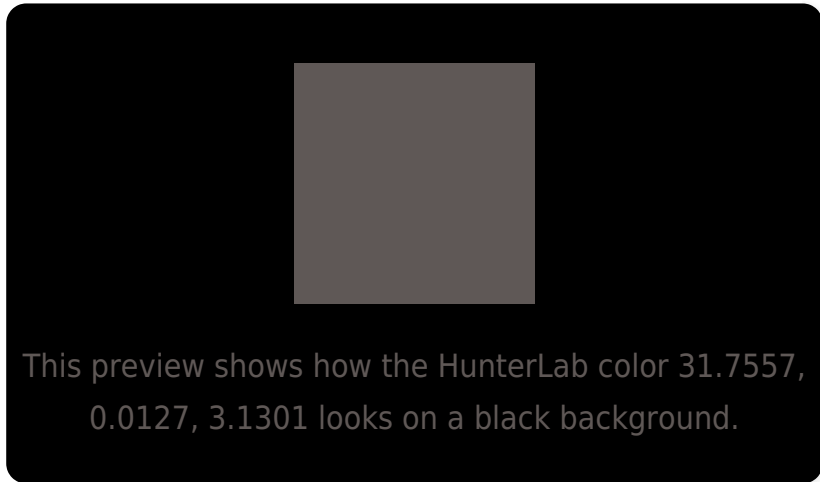
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

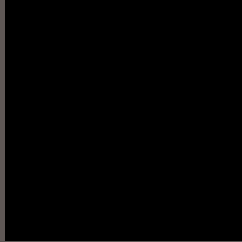
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

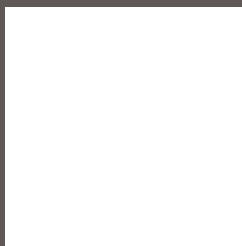
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 31.7557, 0.0127, 3.1301 Background



This preview shows how black text looks on a background with the HunterLab color 31.7557, 0.0127, 3.1301.



This preview shows how white text looks on a background with the HunterLab color 31.7557, 0.0127,

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

31.7557, 0.0127, 3.1301

Protanopia

31.7934, -1.1435, 2.7559

Deuteranopia

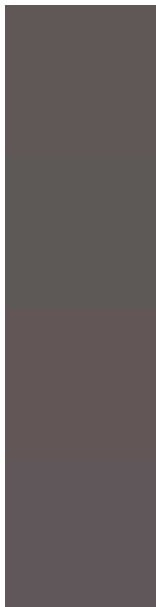
31.5913, 2.0831, 2.9795



Tritanopia

31.7983, 1.9050, -0.1178

Trichromacy



Original Color

31.7557, 0.0127, 3.1301

Protanomaly

31.8748, -0.8621, 2.8539

Deuteranomaly

31.7568, 1.3361, 3.1545

Tritanomaly

31.7152, 1.4583, 1.0653

Monochromacy



Original Color

31.7557, 0.0127, 3.1301

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

31.8455, -0.8593, 2.0117

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.7557, 0.0127, 3.1301 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(95, 88, 86) looks like.

```
.text, #text, p{  
    color:rgb(95, 88, 86)  
}
```

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(95, 88, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 88, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 31.7557, 0.0127, 3.1301 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(95, 88, 86) }
```


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

```
.border{ border-color:rgb(95, 88, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 88, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 88, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 88, 86);  
box-shadow:4px 4px 4px 4px rgb(95, 88, 86)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.7557, 0.0127, 3.1301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 88, 86) }
```

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

```
.background{ background-color: rgb(95, 88,  
86) }
```

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