

Converting Colors

HunterLab(31.3766, -11.0387,
12.7654)

Have a look what the booklet for
HunterLab(31.3766, -11.0387,
12.7654) contains.

HunterLab(31.3691, -11.0472, 12.7700)	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(31.3691,
-11.0472, 12.7700)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5E35
RGB	77, 94, 53
RGB Percent	30%, 37%, 21%
CMY	0.6980, 0.6314, 0.7922
CMYK	0.18, 0.00, 0.44, 0.63
HSL	85°, 28%, 29%
HSV	85°, 44%, 37%
XYZ	7.7059, 9.8402, 4.8614
YIQ	84.2430, 3.0290, -16.3550

Conversions

Conversions Part 2

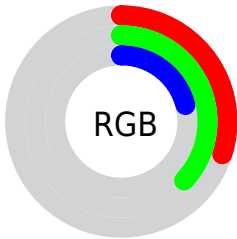
Format	Color
RYB	53, 94, 70
Decimal	5070389
CIELab	37.55, -14.43, 21.38
CIELCh	38, 25.799, 124.020
Yxy	9.8406, 0.3439, 0.4392
Android (android.graphics.Color)	4283260469 (0xFF4D5E35)
YUV	84.2430, -15.4028, -6.3521
Hunter-Lab	31.3691, -11.0472, 12.7700

Details

The HunterLab color $[31.3691, -11.0472, 12.7700]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[21.5795, 10.3749, -15.6180]$, and the grayscale version is $[29.9178, -1.5963, 1.6255]$.

A 20% lighter version of the original color is $[50.3772, -13.6597, 16.6134]$, and $[15.6157, -7.9358, 8.6112]$ is the 20% darker color. If you saturate the color by 10%, you get $[30.9921, -12.7363, 14.3905]$, and if you desaturate by 10%, it is $[31.7850, -9.1914, 10.8155]$.

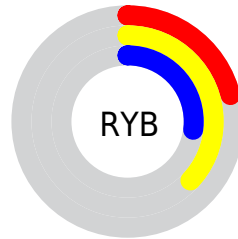
Distribution



Red (30%)

Green (37%)

Blue (21%)



Red (21%)

Yellow (37%)

Blue (27%)

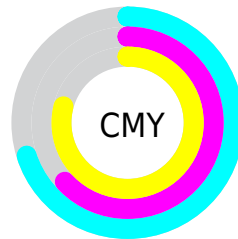


Cyan (18%)

Magenta (0%)

Yellow (44%)

Black (63%)



Cyan (70%)

Magenta (63%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.3691, -11.0472, 12.7700 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 31.3691, -11.0472, 12.7700 by changing the saturation by 10% instead.

■ 31.3691, -11.0472,
12.7700

■ 31.3691, -11.0472,
12.7700

137.6702,
-23.3205, 28.5959

■ 23.0074, -9.5579,
10.6704

■ 50.4929, -13.8727,
16.6131

■ 15.5577, -7.9712,
8.5234

■ 61.1323, -15.2424,
18.4218

■ 9.1453, -7.3660,
6.4017

■ 72.4290, -16.5974,
20.1819

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.3469, -17.9438,
21.9059

0.0000, NaN, NaN

■ 96.8549, -19.2864,
23.6031

0.0000, NaN, NaN

■ 109.9266,

0.0000, NaN, NaN

-20.6284, 25.2804

0.0000, NaN, NaN

123.5386,
-21.9724, 26.9433

■ 31.3691, -11.0472,
12.7700

■ 31.3691, -11.0472,
12.7700

■ 30.9921, -12.7363,
14.3905

■ 31.7850, -9.1914,
10.8155

■ 30.6515, -14.2540,
15.6809

■ 32.2380, -7.1710,
8.5261

■ 30.3470, -15.6010,
16.6517

■ 32.7287, -4.9926,
5.9056

■ 30.0775, -16.7802,
17.3192

■ 33.2569, -2.6633,
2.9609

■ 29.8393, -17.8083,
17.7327

■ 33.8222, -0.1912,
-0.2984

■ 29.6962, -18.4299,
17.9760

■ 34.4241, 2.4151,
-3.8608

■ 35.0617, 5.1466,
-7.7131

■ 35.7343, 7.9941,
-11.8412

■ 36.4410, 10.9487,
-16.2301

Harmonies

Analogous

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



31.3698, -2.9168, 14.3596



31.3691, -11.0472, 12.7700



31.3698, -16.1591, 8.2704

Triad

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



31.3698, -11.0480, 12.7703



31.3698, -9.1158, -17.7057



31.3698, 18.1833, 2.8745

Complementary

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



31.3691, -11.0472, 12.7700



21.5795, 10.3749, -15.6180

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.



31.3698, 16.0314, -6.6755



31.3691, -11.0472, 12.7700



31.3698, -0.4145, -20.3836

Square

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



31.3698, -11.0480, 12.7703



31.3698, -15.1379, -9.3517



31.3698, 8.9456, -15.8716



31.3698, 14.5270, 9.7975

Rectangle

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



31.3691, -11.0472, 12.7700



31.3698, -17.5232, 3.4249



31.3698, 8.9456, -15.8716



31.3698, 18.1176, -0.1128

Sweetspot

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



31.3698, -11.0480, 12.7703



43.3217, -6.5426, 7.7357



26.3490, 4.1007, 8.7286



21.1553, -3.4290, 4.0653



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.



31.3698, -11.0480, 12.7703



41.0096, -16.8525, 19.0414



30.2253, -15.4604, 11.7468



16.2599, -1.9177, 2.2324



34.8891, -21.8437, 21.1161



81.3190, -52.4355, 49.1904

Inverse Universe

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



21.5795, 10.3749, -15.6180



25.4080, 17.6995, -27.3031



23.5016, 15.8407, -11.9581



15.2384, 0.2758, -0.6221



12.9876, 30.8510, -58.3458



29.5616, 71.3379, -141.4595

Previews

White Background



This preview shows how the HunterLab color 31.3691, -11.0472, 12.7700 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

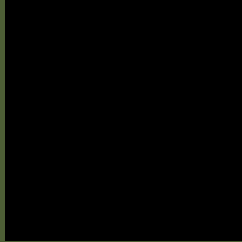
Any Text WCAG AA × Fail

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 31.3691, -11.0472, 12.7700 Background



This preview shows how black text looks on a background with the HunterLab color 31.3691, -11.0472, 12.7700.



This preview shows how white text looks on a background with the HunterLab color 31.3691,

-11.0472, 12.7700.

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

31.3691, -11.0472, 12.7700

Protanopia

31.2408, -3.1508, 13.2513

Deuteranopia

31.2126, 2.1277, 12.4045



Tritanopia

31.3501, -2.1898, -1.6494

Trichromacy



Original Color

31.3691, -11.0472, 12.7700

Protanomaly

31.1992, -6.0109, 12.9457

Deuteranomaly

31.1971, -3.2173, 12.5344

Tritanomaly

31.3220, -5.9036, 4.8310

Monochromacy



Original Color

31.3691, -11.0472, 12.7700

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

30.3477, -5.5499, 6.2882

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.3691, -11.0472, 12.7700 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(77, 94, 53)` looks like.

```
.text, #text, p{  
    color:rgb(77, 94, 53)  
}
```

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(77, 94, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 94, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 31.3691, -11.0472, 12.7700 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(77, 94, 53) }
```


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

```
.border{ border-color:rgb(77, 94, 53) }
```

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

Here you see how a box with a 4 pixel rgb(77, 94, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 94, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 94, 53);  
box-shadow:4px 4px 4px 4px rgb(77, 94, 53)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.3691, -11.0472, 12.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 94, 53) }
```

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

```
.background{ background-color: rgb(77, 94,  
53) }
```

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