

Converting Colors

HunterLab(31.2096, -12.2528,
17.2694)

Have a look what the booklet for
HunterLab(31.2096, -12.2528,
17.2694) contains.

HunterLab(31.2055, -12.2657, 17.2666)	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(31.2055,
-12.2657, 17.2666)**

Conversions

Conversions Part 1

Format	Color
Hex	4F5E19
RGB	79, 94, 25
RGB Percent	31%, 37%, 10%
CMY	0.6902, 0.6314, 0.9020
CMYK	0.16, 0.00, 0.73, 0.63
HSL	73°, 58%, 23%
HSV	73°, 73%, 37%
XYZ	7.4026, 9.7378, 2.4091
YIQ	81.6490, 13.2090, -24.6390

Conversions

Conversions Part 2

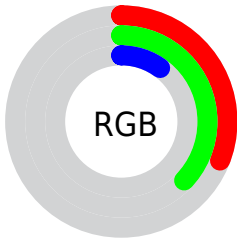
Format	Color
R_YB	25, 94, 40
Decimal	5201433
CIE Lab	37.37, -16.51, 35.87
CIE LCh	37, 39.483, 114.715
Yxy	9.7383, 0.3787, 0.4981
Android (android.graphics.Color)	4283391513 (0xFF4F5E19)
YUV	81.6490, -27.9280, -2.3232
Hunter-Lab	31.2055, -12.2657, 17.2666

Details

The HunterLab color **31.2055, -12.2657, 17.2666** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **13.9812, 16.9419, -35.9983**, and the grayscale version is **29.0155, -1.5482, 1.5765**.

A 20% lighter version of the original color is **50.1731, -15.2910, 23.2000**, and **15.5595, -8.2702, 9.4429** is the 20% darker color. If you saturate the color by 10%, you get **31.0129, -13.1167, 17.9728**, and if you desaturate by 10%, it is **31.4244, -11.2852, 16.2529**.

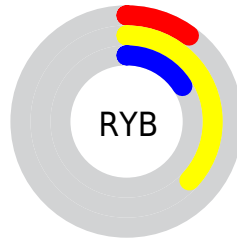
Distribution



Red (31%)

Green (37%)

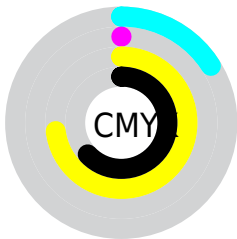
Blue (10%)



Red (10%)

Yellow (37%)

Blue (16%)

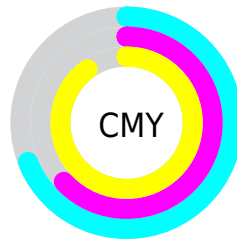


Cyan (16%)

Magenta (0%)

Yellow (73%)

Black (63%)



Cyan (69%)

Magenta (63%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2055, -12.2657, 17.2666 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 31.2055, -12.2657, 17.2666 by changing the saturation by 10% instead.

■ 31.2055, -12.2657,
17.2666

■ 31.2055, -12.2657,
17.2666

137.4022,
-25.5261, 40.7590

■ 22.8599, -10.6153,
13.9491

■ 50.3011, -15.3656,
23.2678

■ 15.4283, -8.8420,
10.7998

■ 60.9279, -16.8559,
26.0241

■ 9.0318, -8.4469,
6.3223

■ 72.2127, -18.3233,
28.6633

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.1193, -19.7756,
31.2090

0.0000, NaN, NaN

■ 96.6166, -21.2182,
33.6789

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 109.6780,

-22.6555, 36.0870

0.0000, NaN, NaN

123.2801,
-24.0907, 38.4441

31.2055, -12.2657,
17.2666

31.2055, -12.2657,
17.2666

31.0129, -13.1167,
17.9728

31.4244, -11.2852,
16.2529

30.8411, -13.8533,
18.4193

31.6689, -10.1664,
14.9115

30.7318, -14.3219,
18.6860

31.9409, -8.9064,
13.2284

32.2412, -7.5031,
11.1943

32.5706, -5.9564,
8.8043

■ 32.9295, -4.2675,
6.0569

■ 33.3181, -2.4388,
2.9540

■ 33.7366, -0.4739,
-0.4996

■ 34.1850, 1.6228,
-4.2967

Harmonies

Analogous

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



31.2062, 0.8841, 18.0596



31.2055, -12.2657, 17.2666



31.2062, -20.9478, 13.2724

Triad

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



31.2062, -12.2666, 17.2668



31.2062, -15.9044, -27.7506



31.2062, 30.3824, -0.7856

Complementary

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



31.2055, -12.2657, 17.2666



13.9812, 16.9419, -35.9983

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.



31.2062, 23.8499, -17.3010



31.2055, -12.2657, 17.2666



31.2062, -4.1382, -36.7287

Square

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



31.2062, -12.2666, 17.2668



31.2062, -22.7705, -11.2058



31.2062, 10.5690, -32.2342



31.2062, 27.1591, 10.7125

Rectangle

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



31.2055, -12.2657, 17.2666



31.2062, -23.8502, 7.7909



31.2062, 10.5690, -32.2342



31.2062, 29.2245, -5.9402

Sweetspot

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



31.2062, -12.2666, 17.2668



43.1310, -7.7270, 11.4041



19.9107, 14.9033, 9.7908



21.0769, -3.9526, 5.8525



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.



31.2062, -12.2666, 17.2668



40.8689, -18.0773, 24.2279



29.3663, -19.5343, 15.8963



16.3221, -1.6977, 2.3042



36.1191, -16.9591, 21.9595



84.2868, -40.6031, 51.2263

Inverse Universe

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



13.9812, 16.9419, -35.9983



14.7041, 28.9860, -65.1997



17.2551, 23.8770, -25.3384



15.1744, 0.0574, -0.7075



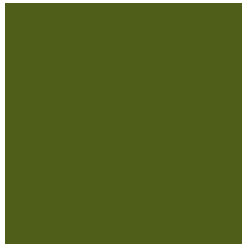
11.4474, 29.3717, -68.3205



26.1567, 68.2031, -164.5607

Previews

White Background



This preview shows how the HunterLab color 31.2055, -12.2657, 17.2666 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

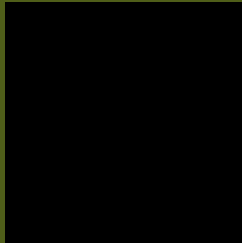
Any Text WCAG AA × Fail

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 31.2055, -12.2657, 17.2666 Background



This preview shows how black text looks on a background with the HunterLab color 31.2055, -12.2657, 17.2666.



This preview shows how white text looks on a background with the HunterLab color 31.2055,

-12.2657, 17.2666.

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

31.2055, -12.2657, 17.2666

Protanopia

31.1351, -4.0929, 17.5700

Deuteranopia

30.9681, 1.9786, 16.8916



Tritanopia

31.2796, -1.1369, -1.2670

Trichromacy



Original Color

31.2055, -12.2657, 17.2666

Protanomaly

31.0702, -7.0643, 17.3726

Deuteranomaly

30.9077, -3.4778, 16.8769

Tritanomaly

30.9734, -6.2038, 7.8854

Monochromacy



Original Color

31.2055, -12.2657, 17.2666

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

29.5666, -6.0794, 9.2592

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2055, -12.2657, 17.2666 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(79, 94, 25)` looks like.

```
.text, #text, p{  
    color:rgb(79, 94, 25)  
}
```

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(79, 94, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 94, 25) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2055, -12.2657, 17.2666 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(79, 94, 25) }
```


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

```
.border{ border-color:rgb(79, 94, 25) }
```

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

Here you see how a box with a 4 pixel rgb(79, 94, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 94, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 94, 25);  
box-shadow:4px 4px 4px 4px rgb(79, 94, 25)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.2055, -12.2657, 17.2666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 94, 25) }
```

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

```
.background{ background-color: rgb(79, 94,  
25) }
```

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