

Converting Colors

HunterLab(30.1087, -12.5506,
13.7513)

Have a look what the booklet for
HunterLab(30.1087, -12.5506,
13.7513) contains.

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Color

**HunterLab(30.2172,
-12.7761, 13.9116)**

Conversions

Conversions Part 1

Format	Color
Hex	465C2B
RGB	70, 92, 43
RGB Percent	27%, 36%, 17%
CMY	0.7255, 0.6392, 0.8314
CMYK	0.24, 0.00, 0.53, 0.64
HSL	87°, 36%, 26%
HSV	87°, 53%, 36%
XYZ	6.7890, 9.1308, 3.6901
YIQ	79.8360, 2.6170, -19.9030

Conversions

Conversions Part 2

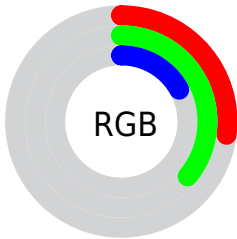
Format	Color
R_{YB}	43, 92, 65
Decimal	4611115
CIE Lab	36.24, -17.70, 25.34
CIE LCh	36, 30.905, 124.930
Yxy	9.1312, 0.3462, 0.4656
Android (android.graphics.Color)	4282801195 (0xFF465C2B)
YUV	79.8360, -18.1601, -8.6262
Hunter-Lab	30.2172, -12.7761, 13.9116

Details

The HunterLab color $[30.2172, -12.7761, 13.9116]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[19.0382, 13.3375, -19.5694]$, and the grayscale version is $[28.3272, -1.5115, 1.5391]$.

A 20% lighter version of the original color is $[49.0686, -15.7914, 18.2716]$, and $[14.6992, -8.9911, 8.9002]$ is the 20% darker color. If you saturate the color by 10%, you get $[29.8709, -14.3215, 15.1815]$, and if you desaturate by 10%, it is $[30.6031, -11.0588, 12.3235]$.

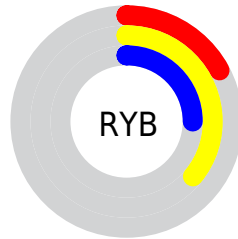
Distribution



Red (27%)

Green (36%)

Blue (17%)



Red (17%)

Yellow (36%)

Blue (25%)

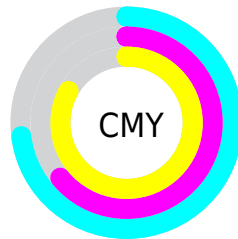


Cyan (24%)

Magenta (0%)

Yellow (53%)

Black (64%)



Cyan (73%)

Magenta (64%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.2172, -12.7761, 13.9116 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 30.2172, -12.7761, 13.9116 by changing the saturation by 10% instead.

■ 30.2172, -12.7761,
13.9116

■ 30.2172, -12.7761,
13.9116

■ 135.7769,
-26.6287, 31.8494

■ 21.9701, -11.0207,
11.4470

■ 49.1406, -16.0471,
18.3648

■ 14.6493, -9.1204,
9.5033

■ 59.6902, -17.6106,
20.4359

■ 8.3086, -9.7245,
5.8160

■ 70.9025, -19.1454,
22.4373

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.7402, -20.6604,
24.3856

0.0000, NaN, NaN

■ 95.1720, -22.1619,
26.2927

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 108.1708,

-23.6549, 28.1680

0.0000, NaN, NaN

121.7127,
-25.1428, 30.0183

■ 30.2172, -12.7761,
13.9116

■ 30.2172, -12.7761,
13.9116

■ 29.8709, -14.3215,
15.1815

■ 30.6031, -11.0588,
12.3235

■ 29.5615, -15.6919,
16.1413

■ 31.0270, -9.1708,
10.4128

■ 29.2884, -16.8900,
16.8062

■ 31.4897, -7.1180,
8.1809

■ 29.0484, -17.9309,
17.2222

■ 31.9912, -4.9072,
5.6322

■ 28.8972, -18.5910,
17.4809

■ 32.5310, -2.5464,
2.7744

■ 33.1086, -0.0443,
-0.3822

■ 33.7235, 2.5898,
-3.8256

■ 34.3746, 5.3462,
-7.5424

■ 35.0612, 8.2155,
-11.5181

Harmonies

Analogous

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



30.2179, -3.4071, 15.5922



30.2172, -12.7761, 13.9116



30.2179, -18.4576, 8.9769

Triad

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



30.2179, -12.7768, 13.9118



30.2179, -10.0491, -22.7861



30.2179, 22.4269, 3.3205

Complementary

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



30.2172, -12.7761, 13.9116



19.0382, 13.3375, -19.5694

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.



30.2179, 19.9848, -8.1618



30.2172, -12.7761, 13.9116



30.2179, 0.2220, -25.9838

Square

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



30.2179, -12.7768, 13.9118



30.2179, -17.0474, -12.2616



30.2179, 11.4490, -19.8865



30.2179, 17.7150, 11.0324

Rectangle

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



30.2172, -12.7761, 13.9116



30.2179, -19.8986, 3.3662



30.2179, 11.4490, -19.8865



30.2179, 22.4211, -0.1841

Sweetspot

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



30.2179, -12.7768, 13.9118



42.1013, -7.4638, 8.5911



24.7855, 4.8529, 9.8902



21.0372, -3.9301, 4.5254



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.



30.2179, -12.7768, 13.9118



39.3990, -19.4715, 20.4761



29.0107, -17.5292, 12.8982



16.2492, -1.9557, 2.2200



34.7133, -22.5582, 20.9952



80.9036, -54.1313, 48.9047

Inverse Universe

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



19.0382, 13.3375, -19.5694



21.6637, 22.7193, -34.7544



21.4741, 19.6945, -14.3801



15.2497, 0.3142, -0.6071



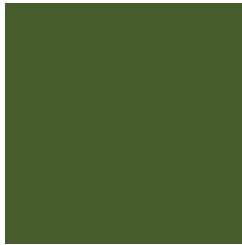
13.3304, 31.2167, -56.4080



30.3598, 72.1602, -136.7226

Previews

White Background



This preview shows how the HunterLab color 30.2172, -12.7761, 13.9116 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

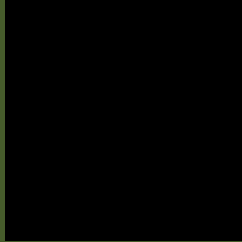
Any Text WCAG AA × Fail

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 30.2172, -12.7761, 13.9116 Background



This preview shows how black text looks on a background with the HunterLab color 30.2172, -12.7761, 13.9116.



This preview shows how white text looks on a background with the HunterLab color 30.2172,

-12.7761, 13.9116.

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

30.2172, -12.7761, 13.9116

Protanopia

30.0612, -3.5316, 14.3242

Deuteranopia

30.0419, 1.7604, 13.4413



Tritanopia

30.3059, -3.2975, -1.6435

Trichromacy



Original Color

30.2172, -12.7761, 13.9116

Protanomaly

30.1296, -7.3816, 14.1260

Deuteranomaly

29.9362, -3.8773, 13.4617

Tritanomaly

30.1805, -7.4734, 5.3892

Monochromacy



Original Color

30.2172, -12.7761, 13.9116

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.7792, -5.9299, 6.6899

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.2172, -12.7761, 13.9116 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(70, 92, 43)` looks like.

```
.text, #text, p{  
    color:rgb(70, 92, 43)  
}
```

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(70, 92, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 92, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 30.2172, -12.7761, 13.9116 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(70, 92, 43) }
```


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

```
.border{ border-color:rgb(70, 92, 43) }
```

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

Here you see how a box with a 4 pixel rgb(70, 92, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 92, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 92, 43);  
box-shadow:4px 4px 4px 4px rgb(70, 92, 43)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.2172, -12.7761, 13.9116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 92, 43) }
```

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

```
.background{ background-color: rgb(70, 92,  
43) }
```

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](#).

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