

Converting Colors

HunterLab(30.4133, -2.2090,
18.7018)

Have a look what the booklet for
HunterLab(30.4133, -2.2090,
18.7018) contains.

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Color

**HunterLab(30.5316, -2.4029,
18.7714)**

Conversions

Conversions Part 1

Format	Color
Hex	665500
RGB	102, 85, 0
RGB Percent	40%, 33%, 0%
CMY	0.6000, 0.6667, 1.0000
CMYK	0.00, 0.17, 1.00, 0.60
HSL	50°, 100%, 20%
HSV	50°, 100%, 40%
XYZ	8.7280, 9.3218, 1.3393
YIQ	80.3930, 37.4170, -22.8310

Conversions

Conversions Part 2

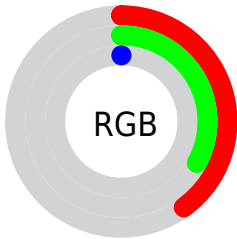
Format	Color
R _Y B	20, 102, 0
Decimal	6706432
CIE Lab	36.60, -1.13, 44.52
CIE LCh	37, 44.531, 91.459
Yxy	9.3222, 0.4501, 0.4808
Android (android.graphics.Color)	4284896512 (0xFF665500)
YUV	80.3930, -39.6337, 18.9493
Hunter-Lab	30.5316, -2.4029, 18.7714

Details

The HunterLab color **30.5316, -2.4029, 18.7714** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **11.6628, 19.3639, -56.3777**, and the grayscale version is **28.5952, -1.5258, 1.5536**.

A 20% lighter version of the original color is **49.3902, -3.5803, 26.0324**, and **14.9043, -0.6444, 9.1727** is the 20% darker color. If you saturate the color by 10%, you get **30.5322, -2.4041, 18.7717**, and if you desaturate by 10%, it is **31.0088, -2.9208, 18.4961**.

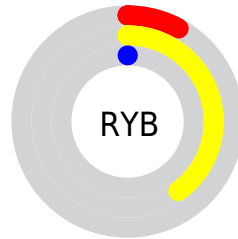
Distribution



Red (40%)

Green (33%)

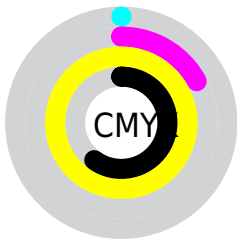
Blue (0%)



Red (8%)

Yellow (40%)

Blue (0%)

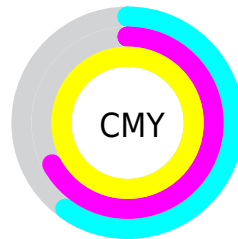


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (60%)



Cyan (60%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.5316, -2.4029, 18.7714 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 30.5316, -2.4029, 18.7714 by changing the saturation by 10% instead.

30.5316, -2.4029,
18.7714

30.5316, -2.4029,
18.7714

136.2952, -8.5572,
47.0819

22.2530, -1.8838,
15.3272

49.5102, -3.5543,
26.1066

14.8966, -1.4027,
10.4277

60.0846, -4.1802,
29.4599

8.5462, -1.0347,
5.9824

71.3200, -4.8377,
32.6555

0.0000, NaN, NaN

0.0000, NaN, NaN

83.1798, -5.5256,
35.7218

0.0000, NaN, NaN

95.6326, -6.2425,
38.6816


0.0000, NaN, NaN


0.0000, NaN, NaN


108.6514, -6.9874,


41.5525

0.0000, NaN, NaN


 122.2125, -7.7593,
44.3488


 30.5316, -2.4029,
18.7714


 30.5316, -2.4029,
18.7714


 30.5322, -2.4041,
18.7717

 31.0088, -2.9208,
18.4961

 31.4999, -3.3755,
18.0696

 32.0175, -3.7008,
17.3142

 32.5630, -3.8882,
16.2102

 33.1374, -3.9320,
14.7459

■ 33.7411, -3.8290,
12.9158

■ 34.3744, -3.5778,
10.7193

■ 35.0373, -3.1788,
8.1597

■ 35.7297, -2.6335,
5.2435

Harmonies

Analogous

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



30.5323, 14.3645, 17.7487



30.5316, -2.4029, 18.7714



30.5323, -15.9838, 17.5043

Triad

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



30.5323, -2.4042, 18.7716



30.5323, -23.5492, -17.7073



30.5323, 30.0768, -15.7206

Complementary

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



30.5316, -2.4029, 18.7714



11.6628, 19.3639, -56.3777

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.



30.5323, 15.9883, -34.9299



30.5316, -2.4029, 18.7714



30.5323, -14.8888, -36.4317

Square

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



30.5323, -2.4042, 18.7716



30.5323, -26.5454, 0.9132



30.5323, -0.8495, -43.9459



30.5323, 35.2671, 2.3922

Rectangle

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



30.5316, -2.4029, 18.7714



30.5323, -22.0255, 14.7830



30.5323, -0.8495, -43.9459



30.5323, 26.0998, -22.5298

Sweetspot

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



30.5323, -2.4042, 18.7716



45.4483, -4.7746, 14.4660



16.9272, 29.2265, 9.0843



21.9532, -2.3740, 7.4599



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



30.5323, -2.4042, 18.7716



40.2677, -2.9110, 24.7618



32.7592, -18.4494, 19.8629



17.8727, -1.2810, 2.4503



34.5339, -2.6138, 21.2339



78.1709, -4.8232, 48.0841

Inverse Universe

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



11.6628, 19.3639, -56.3777



15.0331, 27.0626, -77.2104



11.3995, 27.9356, -57.8661



16.8245, -0.5180, -0.6791



13.0458, 22.5285, -64.9386



28.2283, 57.0609, -158.4611

Previews

White Background



This preview shows how the HunterLab color 30.5316, -2.4029, 18.7714 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

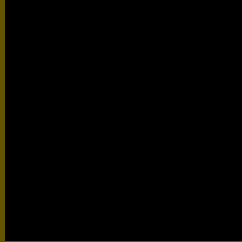
Any Text WCAG AA × Fail

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 30.5316, -2.4029, 18.7714 Background



This preview shows how black text looks on a background with the HunterLab color 30.5316, -2.4029, 18.7714.

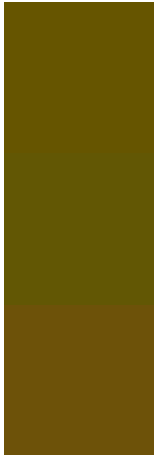


This preview shows how white text looks on a background with the HunterLab color 30.5316, -2.4029,

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

30.5316, -2.4029, 18.7714

Protanopia

30.6950, -4.4776, 18.6139

Deuteranopia

30.5050, 1.4641, 18.3203



Tritanopia

30.6164, 7.6331, 2.3560

Trichromacy



Original Color

30.5316, -2.4029, 18.7714

Protanomaly

30.5202, -3.7568, 18.5733

Deuteranomaly

30.4365, -0.0716, 18.4180

Tritanomaly

30.2563, 2.7080, 11.8522

Monochromacy



Original Color

30.5316, -2.4029, 18.7714

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.8934, -3.3687, 11.3182

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.5316, -2.4029, 18.7714 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(102, 85, 0)` looks like.

```
.text, #text, p{  
    color:rgb(102, 85, 0)  
}
```

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(102, 85, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 85, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 30.5316, -2.4029, 18.7714 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(102, 85, 0) }
```


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

```
.border{ border-color:rgb(102, 85, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 85, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 85, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 85, 0);  
box-shadow:4px 4px 4px 4px rgb(102, 85, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.5316, -2.4029, 18.7714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 85, 0) }
```

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

```
.background{ background-color: rgb(102, 85,  
0) }
```

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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