

Converting Colors

HunterLab(36.6141, -29.2680,
18.5963)

Have a look what the booklet for
HunterLab(36.6141, -29.2680,
18.5963) contains.

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Color

**HunterLab(36.6496,
-29.3194, 18.6762)**

Conversions

Conversions Part 1

Format	Color
Hex	0C7729
RGB	12, 119, 41
RGB Percent	5%, 47%, 16%
CMY	0.9529, 0.5333, 0.8392
CMYK	0.90, 0.00, 0.66, 0.53
HSL	136°, 82%, 26%
HSV	136°, 90%, 47%
XYZ	7.1487, 13.4319, 4.3137
YIQ	78.1150, -38.7340, -46.9420

Conversions

Conversions Part 2

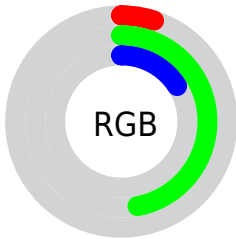
Format	Color
RYB	12, 96, 119
Decimal	816937
CIELab	43.41, -45.01, 34.25
CIELCh	43, 56.555, 142.734
Yxy	13.4325, 0.2872, 0.5396
Android (android.graphics.Color)	4279007017 (0xFF0C7729)
YUV	78.1150, -18.2977, -57.9829
Hunter-Lab	36.6496, -29.3194, 18.6762

Details

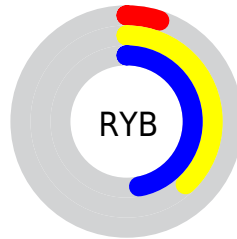
The HunterLab color $[36.6496, -29.3194, 18.6762]$ is a dark color, and the websafe version is hex 006600 . A complement of this color would be $[22.1885, 38.2792, -11.5050]$, and the grayscale version is $[27.7177, -1.4789, 1.5060]$.

A 20% lighter version of the original color is $[56.5232, -36.0517, 24.0518]$, and $[20.6307, -17.6908, 12.4028]$ is the 20% darker color. If you saturate the color by 10%, you get $[36.4704, -30.2304, 19.6840]$, and if you desaturate by 10%, it is $[36.8981, -28.0946, 17.4541]$.

Distribution



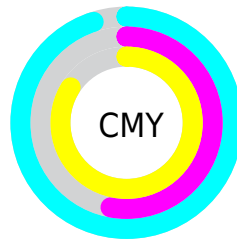
- Red (5%)
- Green (47%)
- Blue (16%)



- Red (5%)
- Yellow (38%)
- Blue (47%)



- Cyan (90%)
- Magenta (0%)
- Yellow (66%)
- Black (53%)



- Cyan (95%)
- Magenta (53%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.6496, -29.3194, 18.6762 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 36.6496, -29.3194, 18.6762 by changing the saturation by 10% instead.

■ 36.6496, -29.3194,
18.6762

■ 36.6496, -29.3194,
18.6762

146.1749,
-56.2546, 40.8100

■ 27.7975, -25.5116,
15.6208

■ 56.6380, -36.1660,
24.2292

■ 19.8010, -21.3109,
12.5809

■ 67.6669, -39.3225,
26.8078

■ 12.7646, -17.9738,
8.9352

■ 79.3311, -42.3510,
29.2912

■ 6.1422, -10.7488,
4.2995

■ 91.5979, -45.2759,
31.6983

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.4388,
-48.1159, 34.0436

0.0000, NaN, NaN

■ 117.8294,

0.0000, NaN, NaN

-50.8852, 36.3383

0.0000, NaN, NaN

131.7479,
-53.5950, 38.5914

■ 36.6496, -29.3194,
18.6762

■ 36.6496, -29.3194,
18.6762

■ 36.4704, -30.2304,
19.6840

■ 36.8981, -28.0946,
17.4541

■ 36.4690, -30.2377,
19.6915

■ 37.2489, -26.4152,
16.0434

■ 37.7107, -24.2640,
14.4567

■ 38.2886, -21.6404,
12.7105

■ 38.9858, -18.5578,
10.8241

■ 39.8030, -15.0415,
8.8192

■ 40.7397, -11.1250,
6.7180

■ 41.7938, -6.8476,
4.5428

■ 42.9619, -2.2513,
2.3145

Harmonies

Analogous

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



36.6504, -16.5587, 22.8588



36.6496, -29.3194, 18.6762



36.6504, -34.5262, 6.6139

Triad

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



36.6504, -29.3199, 18.6764



36.6504, -7.0243, -62.0630



36.6504, 44.3069, 14.1387

Complementary

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



36.6496, -29.3194, 18.6762



22.1885, 38.2792, -11.5050

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.



36.6504, 48.5184, -3.3163



36.6496, -29.3194, 18.6762



36.6504, 15.3614, -55.6846

Square

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



36.6504, -29.3199, 18.6764



36.6504, -23.7170, -44.9077



36.6504, 36.9307, -30.5550



36.6504, 26.4745, 21.4871

Rectangle

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



36.6496, -29.3194, 18.6762



36.6504, -34.1081, -7.7376



36.6504, 36.9307, -30.5550



36.6504, 47.5073, 9.6249

Sweetspot

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



36.6504, -29.3199, 18.6764



53.5281, -19.0043, 11.1848



39.2657, -19.0475, 23.3366



25.9025, -9.9114, 5.8075



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



36.6504, -29.3199, 18.6764



48.7796, -40.5967, 26.6663



37.5249, -23.9476, 5.9583



20.2806, -3.1221, 2.1037



37.5876, -31.1791, 20.3256



82.8994, -69.3030, 45.9882

Inverse Universe

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



22.1885, 38.2792, -11.5050



28.6778, 53.2996, -13.9338



20.7809, 32.9773, 8.3961



19.3437, 1.0877, 0.0498



22.1176, 41.1552, -11.1193



48.6722, 90.3058, -22.4487

Previews

White Background



This preview shows how the HunterLab color 36.6496, -29.3194, 18.6762 looks on a white background.

Color Contrast Check

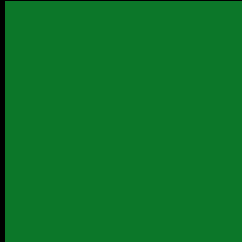
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 36.6496, -29.3194, 18.6762 looks on a 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 36.6496, -29.3194, 18.6762 Background



This preview shows how black text looks on a background with the HunterLab color 36.6496, -29.3194, 18.6762.



This preview shows how white text looks on a background with the HunterLab color 36.6496,

-29.3194, 18.6762.

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

36.6496, -29.3194, 18.6762

Protanopia

36.3422, -4.6136, 19.5901

Deuteranopia

36.3296, 2.3229, 17.8632



Tritanopia

36.5758, -13.5397, -6.5035

Trichromacy



Original Color

36.6496, -29.3194, 18.6762

Protanomaly

35.2744, -17.3361, 18.3503

Deuteranomaly

34.9627, -13.8494, 17.0913

Tritanomaly

36.2836, -21.0247, 5.8165

Monochromacy



Original Color

36.6496, -29.3194, 18.6762

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

29.9910, -14.4536, 8.3407

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.6496, -29.3194, 18.6762 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(12, 119, 41)` looks like.

```
.text, #text, p{  
    color:rgb(12, 119, 41)  
}
```

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(12, 119, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 119, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 36.6496, -29.3194, 18.6762 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(12, 119, 41) }
```


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

```
.border{ border-color:rgb(12, 119, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 119, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 119, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 119, 41);  
box-shadow:4px 4px 4px 4px rgb(12, 119,  
41) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.6496, -29.3194, 18.6762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 119, 41) }
```

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

```
.background{ background-color: rgb(12, 119,  
41) }
```

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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