

Converting Colors

HunterLab(34.6714, -39.5478,
16.3242)

Have a look what the booklet for
HunterLab(34.6714, -39.5478,
16.3242) contains.

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Color

**HunterLab(36.9191,
-29.7507, 18.0775)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 00782E |
| RGB | 0, 120, 46 |
| RGB Percent | 0%, 47%, 18% |
| CMY | 1.0000, 0.5294, 0.8196 |
| CMYK | 1.00, 0.00, 0.62, 0.53 |
| HSL | 143°, 100%, 24% |
| HSV | 143°, 100%, 47% |
| XYZ | 7.2096, 13.6302, 4.8357 |
| YIQ | 75.6840, -47.7660, -48.4540 |

Conversions

Conversions Part 2

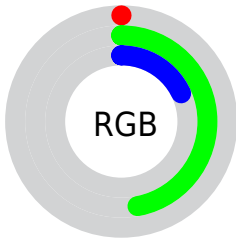
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 87, 120 |
| Decimal | 30766 |
| CIELab | 43.70, -45.66, 32.10 |
| CIELCh | 44, 55.818, 144.894 |
| Yxy | 13.6308, 0.2808, 0.5309 |
| Android (android.graphics.Color) | 4278220846 (0xFF00782E) |
| YUV | 75.6840, -14.6342, -66.3749 |
| Hunter-Lab | 36.9191, -29.7507, 18.0775 |

Details

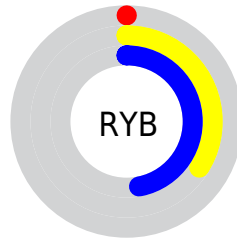
The HunterLab color **36.9191, -29.7507, 18.0775** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **21.1842, 38.6120, -4.4032**, and the grayscale version is **26.8340, -1.4318, 1.4579**.

A 20% lighter version of the original color is **56.8094, -36.4977, 23.3147**, and **20.9292, -17.9468, 12.5823** is the 20% darker color. If you saturate the color by 10%, you get **36.9198, -29.7512, 18.0778**, and if you desaturate by 10%, it is **37.1112, -28.7730, 16.9051**.

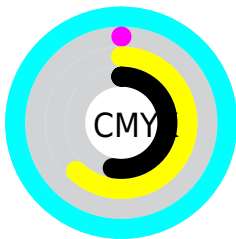
Distribution



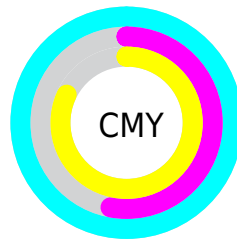
- Red (0%)
- Green (47%)
- Blue (18%)



- Red (0%)
- Yellow (34%)
- Blue (47%)



- Cyan (100%)
- Magenta (0%)
- Yellow (62%)
- Black (53%)



- Cyan (100%)
- Magenta (53%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.9191, -29.7507, 18.0775 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 36.9191, -29.7507, 18.0775 by changing the saturation by 10% instead.

■ 36.9191, -29.7507,
18.0775

■ 36.9191, -29.7507,
18.0775

146.6020,
-56.9871, 39.0824

■ 28.0434, -25.8989,
15.2025

■ 56.9495, -36.6769,
23.3152

■ 20.0206, -21.6512,
12.2009

■ 67.9974, -39.8699,
25.7546

■ 12.9544, -18.1689,
9.0681

■ 79.6796, -42.9328,
28.1084

■ 6.3989, -11.1982,
4.4793

■ 91.9634, -45.8905,
30.3942

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.8207,
-48.7617, 32.6252

0.0000, NaN, NaN

■ 118.2269,

0.0000, NaN, NaN

-51.5610, 34.8117

0.0000, NaN, NaN

132.1604,
-54.2997, 36.9619

■ 36.9191, -29.7507,
18.0775

■ 36.9191, -29.7507,
18.0775

■ 36.9198, -29.7512,
18.0778

■ 37.1112, -28.7730,
16.9051

■ 37.3664, -27.5072,
15.5824

■ 37.7206, -25.8162,
14.1442

■ 38.1814, -23.6831,
12.6071

■ 38.7541, -21.1068,
10.9896

■ 39.4416, -18.0993,
9.3107

■ 40.2449, -14.6832,
7.5899

■ 41.1638, -10.8890,
5.8458

■ 42.1962, -6.7524,
4.0955

Harmonies

Analogous

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



36.9199, -17.6111, 22.7177



36.9191, -29.7507, 18.0775



36.9199, -34.4319, 5.2969

Triad

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



36.9199, -29.7511, 18.0777



36.9199, -5.5303, -61.2296



36.9199, 42.7553, 14.8894

Complementary

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



36.9191, -29.7507, 18.0775



21.1842, 38.6120, -4.4032

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.



36.9199, 48.0320, -1.6108



36.9191, -29.7507, 18.0775



36.9199, 16.8007, -53.3025

Square

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



36.9199, -29.7511, 18.0777



36.9199, -22.6112, -45.8668



36.9199, 37.6426, -27.9677



36.9199, 24.5160, 21.7394

Rectangle

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



36.9191, -29.7507, 18.0775



36.9199, -33.6836, -9.4105



36.9199, 37.6426, -27.9677



36.9199, 46.2555, 10.6514

Sweetspot

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



36.9199, -29.7511, 18.0777



53.2884, -19.8238, 10.2350



38.5868, -23.3911, 23.3674



25.7581, -10.4257, 5.3637



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.



36.9199, -29.7511, 18.0777



48.9372, -39.6123, 24.3442



38.0449, -22.8583, 1.7919



21.1496, -3.1799, 1.9682



38.5579, -31.0954, 18.9319



84.1205, -68.4885, 42.7036

Inverse Universe

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



21.1842, 38.6120, -4.4032



28.0467, 51.0368, -5.1782



20.0623, 34.5150, 11.7386



20.1313, 1.0569, 0.2956



22.1196, 40.3061, -4.5099



48.1341, 87.3949, -7.3753

Previews

White Background



This preview shows how the HunterLab color 36.9191, -29.7507, 18.0775 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 36.9191, -29.7507, 18.0775 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 36.9191, -29.7507, 18.0775 Background



This preview shows how black text looks on a background with the HunterLab color 36.9191, -29.7507, 18.0775.



This preview shows how white text looks on a background with the HunterLab color 36.9191,

-29.7507, 18.0775.

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

36.9191, -29.7507, 18.0775

Protanopia

36.7497, -4.4681, 19.1823

Deuteranopia

36.7360, 2.4742, 17.4364



Tritanopia

36.9078, -13.6812, -7.0754

Trichromacy



Original Color

36.9191, -29.7507, 18.0775

Protanomaly

35.3951, -18.3072, 17.6614

Deuteranomaly

35.0538, -14.8878, 16.2354

Tritanomaly

36.5526, -21.4026, 4.9719

Monochromacy



Original Color

36.9191, -29.7507, 18.0775

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

29.4352, -15.1254, 7.7997

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.9191, -29.7507, 18.0775 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(0, 120, 46)` looks like.

```
.text, #text, p{  
    color:rgb(0, 120, 46)  
}
```

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(0, 120, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 120, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 36.9191, -29.7507, 18.0775 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(0, 120, 46) }
```


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

```
.border{ border-color:rgb(0, 120, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 120, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 120, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 120, 46);  
box-shadow:4px 4px 4px 4px rgb(0, 120, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.9191, -29.7507, 18.0775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 120, 46) }
```

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

```
.background{ background-color: rgb(0, 120,  
46) }
```

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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