

Converting Colors

HunterLab(34.7832, -34.6392,
18.6280)

Have a look what the booklet for
HunterLab(34.7832, -34.6392,
18.6280) contains.

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Color

**HunterLab(35.8071,
-29.7183, 19.3974)**

Conversions

Conversions Part 1

Format	Color
Hex	00751F
RGB	0, 117, 31
RGB Percent	0%, 46%, 12%
CMY	1.0000, 0.5412, 0.8784
CMYK	1.00, 0.00, 0.74, 0.54
HSL	136°, 100%, 23%
HSV	136°, 100%, 46%
XYZ	6.6086, 12.8215, 3.4228
YIQ	72.2130, -42.1260, -51.5500

Conversions

Conversions Part 2

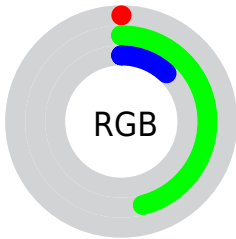
Format	Color
RYB	0, 92, 117
Decimal	29983
CIELab	42.49, -46.52, 37.73
CIELCh	42, 59.899, 140.959
Yxy	12.8220, 0.2892, 0.5610
Android (android.graphics.Color)	4278220063 (0xFF00751F)
YUV	72.2130, -20.3180, -63.3308
Hunter-Lab	35.8071, -29.7183, 19.3974

Details

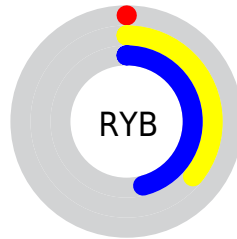
The HunterLab color $35.8071, -29.7183, 19.3974$ is a dark color, and the websafe version is hex 006600 . A complement of this color would be $21.1043, 39.3252, -11.0406$, and the grayscale version is $25.6134, -1.3667, 1.3916$.

A 20% lighter version of the original color is $55.5564, -36.8100, 25.4897$, and $20.0357, -17.1806, 12.0452$ is the 20% darker color. If you saturate the color by 10%, you get $35.8078, -29.7187, 19.3976$, and if you desaturate by 10%, it is $35.9856, -28.8215, 18.4200$.

Distribution



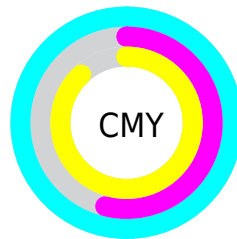
- Red (0%)
- Green (46%)
- Blue (12%)



- Red (0%)
- Yellow (36%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (74%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.8071, -29.7183, 19.3974 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 35.8071, -29.7183, 19.3974 by changing the saturation by 10% instead.

■ 35.8071, -29.7183,
19.3974

■ 35.8071, -29.7183,
19.3974

144.8357,
-57.5184, 43.4279

■ 27.0298, -25.7547,
16.0374

■ 55.6630, -36.8190,
25.4836

■ 19.1161, -21.3679,
13.1528

■ 66.6319, -40.0834,
28.2971

■ 12.1742, -18.6815,
8.5219

■ 78.2396, -43.2106,
30.9985

■ 5.2544, -9.1951,
3.6780

■ 90.4525, -46.2268,
33.6092

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.2420,
-49.1519, 36.1458

0.0000, NaN, NaN


■ 116.5833,


0.0000, NaN, NaN


-52.0013, 38.6213


0.0000, NaN, NaN


 130.4544,
-54.7869, 41.0459


 35.8071, -29.7183,
19.3974


 35.8071, -29.7183,
19.3974


 35.8078, -29.7187,
19.3976

 35.9856, -28.8215,
18.4200

 36.2285, -27.6205,
17.2280

 36.5727, -25.9733,
15.8476

 37.0257, -23.8624,
14.2908

 37.5927, -21.2874,
12.5733

■ 38.2767, -18.2614,
10.7142

■ 39.0785, -14.8093,
8.7347

■ 39.9975, -10.9640,
6.6566

■ 41.0316, -6.7640,
4.5020

Harmonies

Analogous

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



35.8078, -16.1217, 23.0235



35.8071, -29.7183, 19.3974



35.8078, -35.4253, 7.8362

Triad

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



35.8078, -29.7187, 19.3976



35.8078, -8.4656, -67.2526



35.8078, 48.1553, 13.7740

Complementary

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



35.8071, -29.7183, 19.3974



21.1043, 39.3252, -11.0406

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.



35.8078, 51.6656, -5.1461



35.8071, -29.7183, 19.3974



35.8078, 14.9290, -61.7921

Square

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



35.8078, -29.7187, 19.3976



35.8078, -25.3077, -47.0694



35.8078, 38.3047, -34.9107



35.8078, 29.6449, 21.4519

Rectangle

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



35.8071, -29.7183, 19.3974



35.8078, -35.2776, -6.7987



35.8078, 38.3047, -34.9107



35.8078, 51.2823, 8.9287

Sweetspot

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



35.8078, -29.7187, 19.3976



52.2041, -20.1945, 11.8987



38.4521, -19.1869, 23.3581



24.8557, -10.4353, 6.1298



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



35.8078, -29.7187, 19.3976



47.8951, -39.9004, 26.2689



36.6381, -24.5919, 7.2923



20.2797, -3.1267, 2.1156



37.5821, -31.2135, 20.4066



82.8885, -69.3716, 46.1500

Inverse Universe

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



21.1043, 39.3252, -11.0406



28.2000, 52.4779, -14.2159



19.6774, 34.1553, 9.1715



19.3447, 1.0926, 0.0367



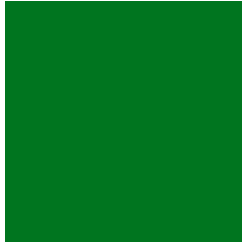
22.1460, 41.2563, -11.5080



48.7369, 90.5366, -23.3374

Previews

White Background



This preview shows how the HunterLab color 35.8071, -29.7183, 19.3974 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 35.8071, -29.7183, 19.3974 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 35.8071, -29.7183, 19.3974 Background



This preview shows how black text looks on a background with the HunterLab color 35.8071, -29.7183, 19.3974.



This preview shows how white text looks on a background with the HunterLab color 35.8071,

-29.7183, 19.3974.

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

35.8071, -29.7183, 19.3974

Protanopia

35.5503, -4.7867, 20.0928

Deuteranopia

35.6243, 2.3742, 18.7985



Tritanopia

35.8799, -13.2515, -6.4453

Trichromacy



Original Color

35.8071, -29.7183, 19.3974

Protanomaly

34.2513, -18.4450, 18.8808

Deuteranomaly

33.9608, -14.8760, 17.7521

Tritanomaly

35.4281, -21.4960, 6.7204

Monochromacy



Original Color

35.8071, -29.7183, 19.3974

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

28.0280, -14.9453, 8.8207

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.8071, -29.7183, 19.3974 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, 117, 31)` looks like.

```
.text, #text, p{  
    color:rgb(0, 117, 31)  
}
```

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, 117, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 117, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 35.8071, -29.7183, 19.3974 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, 117, 31) }
```


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

```
.border{ border-color:rgb(0, 117, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 117, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 117, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 117, 31);  
box-shadow:4px 4px 4px 4px rgb(0, 117, 31)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 35.8071, -29.7183, 19.3974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 117, 31) }
```

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

```
.background{ background-color: rgb(0, 117,  
31) }
```

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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