

Converting Colors

HunterLab(36.0150, -29.1163,
17.8381)

Have a look what the booklet for
HunterLab(36.0150, -29.1163,
17.8381) contains.

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Color

**HunterLab(35.9227,
-28.9965, 17.6949)**

Conversions

Conversions Part 1

Format	Color
Hex	00752C
RGB	0, 117, 44
RGB Percent	0%, 46%, 17%
CMY	1.0000, 0.5412, 0.8274
CMYK	1.00, 0.00, 0.62, 0.54
HSL	143°, 100%, 23%
HSV	143°, 100%, 46%
XYZ	6.8159, 12.9044, 4.5144
YIQ	73.6950, -46.2990, -47.5070

Conversions

Conversions Part 2

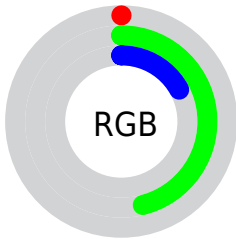
Format	Color
RYB	0, 85, 117
Decimal	29996
CIELab	42.62, -44.94, 31.84
CIELCh	43, 55.078, 144.677
Yxy	12.9049, 0.2812, 0.5325
Android (android.graphics.Color)	4278220076 (0xFF00752C)
YUV	73.6950, -14.6396, -64.6305
Hunter-Lab	35.9227, -28.9965, 17.6949

Details

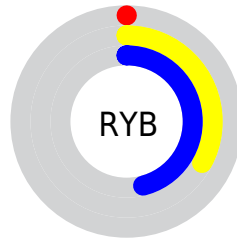
The HunterLab color **35.9227, -28.9965, 17.6949** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **20.6474, 37.6886, -4.7188**, and the grayscale version is **26.1227, -1.3938, 1.4193**.

A 20% lighter version of the original color is **55.7303, -35.7532, 22.9429**, and **20.0357, -17.1806, 12.0452** is the 20% darker color. If you saturate the color by 10%, you get **35.9234, -28.9971, 17.6953**, and if you desaturate by 10%, it is **36.1120, -28.0356, 16.5616**.

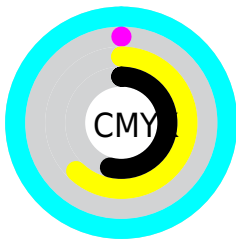
Distribution



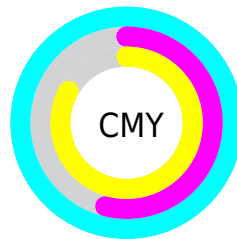
- Red (0%)
- Green (46%)
- Blue (17%)



- Red (0%)
- Yellow (33%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (62%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.9227, -28.9965, 17.6949 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 35.9227, -28.9965, 17.6949 by changing the saturation by 10% instead.

■ 35.9227, -28.9965,
17.6949

■ 35.9227, -28.9965,
17.6949

145.0198,
-55.9772, 38.6402

■ 27.1351, -25.1683,
14.8174

■ 55.7968, -35.8668,
22.9270

■ 19.2099, -20.9365,
11.9031

■ 66.7741, -39.0305,
25.3605

■ 12.2549, -18.0835,
8.5784

■ 78.3896, -42.0640,
27.7075

■ 5.3853, -9.4242,
3.7697

■ 90.6099, -44.9926,
29.9856

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.4065,
-47.8350, 32.2085

0.0000, NaN, NaN

■ 116.7546,

0.0000, NaN, NaN

-50.6060, 34.3867

0.0000, NaN, NaN

130.6322,
-53.3170, 36.5284

35.9227, -28.9965,
17.6949

35.9227, -28.9965,
17.6949

35.9234, -28.9971,
17.6953

36.1120, -28.0356,
16.5616

36.3616, -26.7989,
15.2778

36.7075, -25.1479,
13.8779

37.1570, -23.0668,
12.3779

37.7152, -20.5548,
10.7956

■ 38.3849, -17.6237,
9.1495

■ 39.1672, -14.2956,
7.4584

■ 40.0614, -10.6003,
5.7407

■ 41.0659, -6.5725,
4.0133

Harmonies

Analogous

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



35.9234, -17.0904, 22.1630



35.9227, -28.9965, 17.6949



35.9234, -33.6130, 5.2978

Triad

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



35.9234, -28.9969, 17.6951



35.9234, -5.5418, -59.9836



35.9234, 41.9447, 14.4564

Complementary

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



35.9227, -28.9965, 17.6949



20.6474, 37.6886, -4.7188

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.



35.9234, 47.0018, -1.7426



35.9227, -28.9965, 17.6949



35.9234, 16.2818, -52.3720

Square

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



35.9234, -28.9969, 17.6951



35.9234, -22.1805, -44.7719



35.9234, 36.7266, -27.5983



35.9234, 24.1518, 21.1739

Rectangle

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



35.9227, -28.9965, 17.6949



35.9234, -32.9156, -9.0384



35.9234, 36.7266, -27.5983



35.9234, 45.3385, 10.2964

Sweetspot

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



35.9234, -28.9969, 17.6951



52.3248, -19.4939, 10.1579



37.6603, -22.3309, 22.8150



24.9180, -10.0716, 5.2300



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.



35.9234, -28.9969, 17.6951



48.0451, -38.9635, 24.0588



36.9737, -22.5564, 2.4791



20.2950, -3.0414, 1.8967



37.7028, -30.4601, 18.6294



83.1365, -67.8209, 42.4924

Inverse Universe

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



20.6474, 37.6886, -4.7188



27.5807, 50.2589, -5.6359



19.5405, 33.6486, 11.1893



19.3279, 1.0027, 0.2748



21.6652, 39.5345, -4.8545



47.6478, 86.6302, -8.2170

Previews

White Background



This preview shows how the HunterLab color 35.9227, -28.9965, 17.6949 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 35.9227, -28.9965, 17.6949 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 35.9227, -28.9965, 17.6949 Background



This preview shows how black text looks on a background with the HunterLab color 35.9227, -28.9965, 17.6949.



This preview shows how white text looks on a background with the HunterLab color 35.9227, -28.9965, 17.6949.

-28.9965, 17.6949.

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

35.9227, -28.9965, 17.6949

Protanopia

35.9146, -4.6903, 18.8795

Deuteranopia

35.8903, 2.1994, 17.1689



Tritanopia

36.1444, -13.7775, -6.0842

Trichromacy



Original Color

35.9227, -28.9965, 17.6949

Protanomaly

34.6628, -18.1422, 17.4531

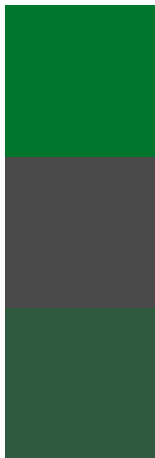
Deuteranomaly

34.3166, -14.7575, 16.0561

Tritanomaly

35.8352, -21.2243, 5.3343

Monochromacy



Original Color

35.9227, -28.9965, 17.6949

Achromatopsia

26.1683, -1.3963, 1.4218

Achromatomaly

28.7673, -14.8151, 7.7747

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.9227, -28.9965, 17.6949 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, 44)` looks like.

```
.text, #text, p{  
    color:rgb(0, 117, 44)  
}
```

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, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 117, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 35.9227, -28.9965, 17.6949 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, 44) }
```


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

```
.border{ border-color:rgb(0, 117, 44) }
```

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, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 117, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 117, 44);  
box-shadow:4px 4px 4px 4px rgb(0, 117, 44)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 35.9227, -28.9965, 17.6949 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, 44) }
```

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

```
.background{ background-color: rgb(0, 117,  
44) }
```

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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