

Converting Colors

HunterLab(36.0751, -28.2658,
17.1387)

Have a look what the booklet for
HunterLab(36.0751, -28.2658,
17.1387) contains.

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Color

**HunterLab(36.0751,
-28.2658, 17.1387)**

Conversions

Conversions Part 1

Format	Color
Hex	0C7530
RGB	12, 117, 48
RGB Percent	5%, 46%, 19%
CMY	0.9529, 0.5412, 0.8118
CMYK	0.90, 0.00, 0.59, 0.54
HSL	141°, 81%, 25%
HSV	141°, 90%, 46%
XYZ	7.0464, 13.0141, 4.9369
YIQ	77.7390, -40.4310, -43.7190

Conversions

Conversions Part 2

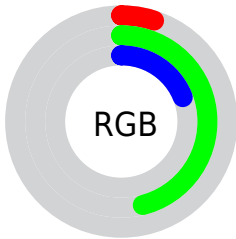
Format	Color
RYB	12, 90, 117
Decimal	816432
CIELab	42.79, -43.34, 30.04
CIELCh	43, 52.727, 145.275
Yxy	13.0147, 0.2819, 0.5206
Android (android.graphics.Color)	4279006512 (0xFF0C7530)
YUV	77.7390, -14.6613, -57.6531
Hunter-Lab	36.0751, -28.2658, 17.1387

Details

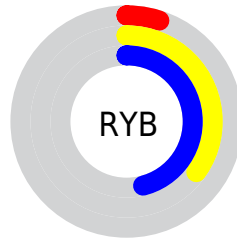
The HunterLab color **36.0751, -28.2658, 17.1387** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **21.5386, 36.5060, -7.5184**, and the grayscale version is **27.5699, -1.4711, 1.4979**.

A 20% lighter version of the original color is **55.9073, -34.9064, 22.1028**, and **20.0357, -17.1806, 12.0452** is the 20% darker color. If you saturate the color by 10%, you get **35.8892, -29.2159, 18.2405**, and if you desaturate by 10%, it is **36.3265, -27.0255, 15.8692**.

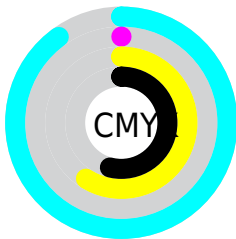
Distribution



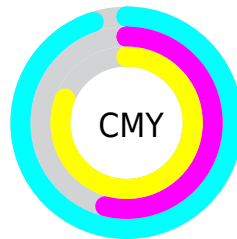
- Red (5%)
- Green (46%)
- Blue (19%)



- Red (5%)
- Yellow (35%)
- Blue (46%)



- Cyan (90%)
- Magenta (0%)
- Yellow (59%)
- Black (54%)



- Cyan (95%)
- Magenta (54%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.0751, -28.2658, 17.1387 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 36.0751, -28.2658, 17.1387 by changing the saturation by 10% instead.

■ 36.0751, -28.2658,
17.1387

■ 36.0751, -28.2658,
17.1387

145.2624,
-54.4199, 37.1403

■ 27.2739, -24.5746,
14.4127

■ 55.9733, -34.9035,
22.1069

■ 19.3337, -20.5002,
11.5504

■ 66.9614, -37.9654,
24.4241

■ 12.3615, -17.4827,
8.6530

■ 78.5872, -40.9046,
26.6628

■ 5.5530, -9.7177,
3.8871

■ 90.8173, -43.7448,
28.8396

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.6233,
-46.5039, 30.9670

0.0000, NaN, NaN

■ 116.9803,

0.0000, NaN, NaN

-49.1959, 33.0548

0.0000, NaN, NaN

130.8665,
-51.8317, 35.1105

■ 36.0751, -28.2658,
17.1387

■ 36.0751, -28.2658,
17.1387

■ 35.8892, -29.2159,
18.2405

■ 36.3265, -27.0255,
15.8692

■ 35.8846, -29.2391,
18.2661

■ 36.6751, -25.3606,
14.4625

■ 37.1290, -23.2556,
12.9341

■ 37.6932, -20.7104,
11.3014

■ 38.3706, -17.7377,
9.5834

■ 39.1619, -14.3605,
7.7998

■ 40.0667, -10.6098,
5.9700

■ 41.0830, -6.5216,
4.1123

■ 42.2079, -2.1343,
2.2436

Harmonies

Analogous

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



36.0758, -16.8345, 21.7942



36.0751, -28.2658, 17.1387



36.0758, -32.6552, 4.8311

Triad

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



36.0758, -28.2662, 17.1389



36.0758, -5.0204, -56.2869



36.0758, 39.5340, 14.2910

Complementary

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



36.0751, -28.2658, 17.1387



21.5386, 36.5060, -7.5184

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.



36.0758, 44.5958, -1.1603



36.0751, -28.2658, 17.1387



36.0758, 15.8798, -48.7907

Square

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



36.0758, -28.2662, 17.1389



36.0758, -21.2142, -42.5043



36.0758, 35.1547, -25.4828



36.0758, 22.5204, 20.8848

Rectangle

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



36.0751, -28.2658, 17.1387



36.0758, -31.8823, -8.9848



36.0758, 35.1547, -25.4828



36.0758, 42.8270, 10.2872

Sweetspot

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



36.0758, -28.2662, 17.1389



52.6398, -18.2291, 9.9407



38.1360, -20.3637, 22.6019



25.0984, -9.3377, 5.0674



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.



36.0758, -28.2662, 17.1389



47.9943, -39.2801, 24.8056



37.0294, -22.4322, 3.3218



20.2904, -3.0670, 1.9624



37.6622, -30.7131, 19.2262



83.0517, -68.3507, 43.7422

Inverse Universe

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



21.5386, 36.5060, -7.5184



27.7542, 50.8829, -8.0580



20.3377, 31.9544, 9.6072



19.3329, 1.0295, 0.2039



21.8001, 40.0196, -6.7364



47.9518, 87.7249, -12.4712

Previews

White Background



This preview shows how the HunterLab color 36.0751, -28.2658, 17.1387 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 36.0751, -28.2658, 17.1387 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 36.0751, -28.2658, 17.1387 Background



This preview shows how black text looks on a background with the HunterLab color 36.0751, -28.2658, 17.1387.



This preview shows how white text looks on a background with the HunterLab color 36.0751,

-28.2658, 17.1387.

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

36.0751, -28.2658, 17.1387

Protanopia

35.9535, -4.4745, 18.3071

Deuteranopia

35.8372, 2.1213, 16.3458



Tritanopia

36.1775, -13.5857, -6.5482

Trichromacy



Original Color

36.0751, -28.2658, 17.1387

Protanomaly

34.9876, -16.7823, 17.0584

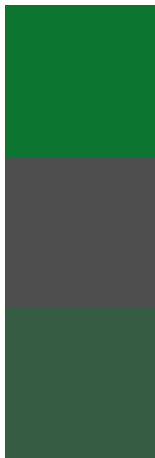
Deuteranomaly

34.6231, -13.4821, 15.5351

Tritanomaly

35.9731, -20.5742, 4.7379

Monochromacy



Original Color

36.0751, -28.2658, 17.1387

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

29.7385, -13.8582, 7.4952

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.0751, -28.2658, 17.1387 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, 117, 48)` looks like.

```
.text, #text, p{  
    color:rgb(12, 117, 48)  
}
```

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, 117, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 117, 48) }
```

Border

The CSS property to change the border of an element to HunterLab 36.0751, -28.2658, 17.1387 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, 117, 48) }
```


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

```
.border{ border-color:rgb(12, 117, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 117, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 117, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 117, 48);  
box-shadow:4px 4px 4px 4px rgb(12, 117,  
48) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.0751, -28.2658, 17.1387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 117, 48) }
```

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

```
.background{ background-color: rgb(12, 117,  
48) }
```

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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