

Converting Colors

HunterLab(36.9040, -25.2828,
17.5817)

Have a look what the booklet for
HunterLab(36.9040, -25.2828,
17.5817) contains.

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Color

**HunterLab(36.8085,
-25.1930, 17.5597)**

Conversions

Conversions Part 1

Format	Color
Hex	2F7531
RGB	47, 117, 49
RGB Percent	18%, 46%, 19%
CMY	0.8157, 0.5412, 0.8078
CMYK	0.60, 0.00, 0.58, 0.54
HSL	122°, 43%, 32%
HSV	122°, 60%, 46%
XYZ	8.0879, 13.5487, 5.0946
YIQ	88.3180, -19.8920, -35.9880

Conversions

Conversions Part 2

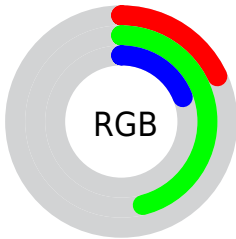
Format	Color
RYB	47, 115, 117
Decimal	3110193
CIELab	43.58, -36.88, 30.65
CIELCh	44, 47.957, 140.270
Yxy	13.5492, 0.3026, 0.5068
Android (android.graphics.Color)	4281300273 (0xFF2F7531)
YUV	88.3180, -19.3838, -36.2359
Hunter-Lab	36.8085, -25.1930, 17.5597




Details

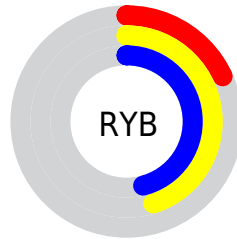
The HunterLab color $[36.8085, -25.1930, 17.5597]$ is a dark color, and the websafe version is hex 006633 . A complement of this color would be $[26.5574, 30.4667, -19.3132]$, and the grayscale version is $[31.4307, -1.6771, 1.7077]$.




A 20% lighter version of the original color is $[56.8523, -31.0837, 22.6938]$, and $[20.3382, -17.4016, 12.1440]$ is the 20% darker color. If you saturate the color by 10%, you get $[36.3639, -27.2684, 18.9900]$, and if you desaturate by 10%, it is $[37.3817, -22.5721, 15.7778]$.

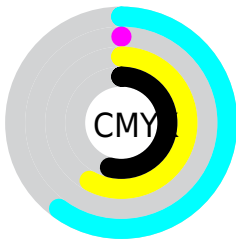
Distribution







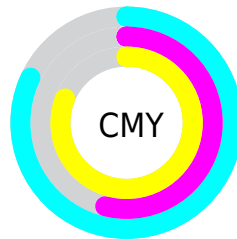
-  Red (18%)
-  Green (46%)
-  Blue (19%)






-  Red (18%)
-  Yellow (45%)
-  Blue (46%)



-  Cyan (60%)
-  Magenta (0%)
-  Yellow (58%)
-  Black (54%)



-  Cyan (82%)
-  Magenta (54%)
-  Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.8085, -25.1930, 17.5597 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 36.8085, -25.1930, 17.5597 by changing the saturation by 10% instead.

■ 36.8085, -25.1930,
17.5597

■ 36.8085, -25.1930,
17.5597

146.4268,
-48.0619, 37.8292

■ 27.9425, -22.0451,
14.7997

■ 56.8217, -30.9079,
22.5947

■ 19.9304, -18.5956,
11.8712

■ 67.8618, -33.5662,
24.9438

■ 12.8765, -15.2074,
9.0135

■ 79.5366, -36.1303,
27.2132

■ 6.2949, -11.0161,
4.4065

■ 91.8135, -38.6191,
29.4197

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.6641,
-41.0467, 31.5757

0.0000, NaN, NaN

■ 118.0639,

0.0000, NaN, NaN

-43.4243, 33.6911

0.0000, NaN, NaN

131.9912,
-45.7604, 35.7736

■ 36.8085, -25.1930,
17.5597

■ 36.8085, -25.1930,
17.5597

■ 36.3639, -27.2684,
18.9900

■ 37.3817, -22.5721,
15.7778

■ 36.0392, -28.8027,
20.0689

■ 38.0849, -19.4169,
13.6542

■ 35.8256, -29.8240,
20.8114

■ 38.9198, -15.7558,
11.2090

■ 35.6821, -30.5106,
21.2841

■ 39.8859, -11.6281,
8.4695

■ 35.6797, -30.5220,
21.2917

■ 40.9804, -7.0806,
5.4669

■ 42.1995, -2.1639,
2.2348

■ 43.5384, 3.0710,
-1.1932

■ 44.9915, 8.5750,
-4.7853

■ 46.5528, 14.3028,
-8.5119

Harmonies

Analogous

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



36.8093, -13.3196, 21.5473



36.8085, -25.1930, 17.5597



36.8093, -30.4918, 7.1963

Triad

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



36.8093, -25.1936, 17.5599



36.8093, -7.6944, -48.2085



36.8093, 36.9389, 11.7695

Complementary

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



36.8085, -25.1930, 17.5597



26.5574, 30.4667, -19.3132

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.



36.8093, 39.2535, -4.0767



36.8085, -25.1930, 17.5597



36.8093, 10.9559, -44.8859

Square

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



36.8093, -25.1936, 17.5599



36.8093, -21.7654, -33.8820



36.8093, 28.9901, -26.2484



36.8093, 23.1718, 19.5092

Rectangle

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



36.8085, -25.1930, 17.5597



36.8093, -30.4536, -4.4376



36.8093, 28.9901, -26.2484



36.8093, 39.1733, 7.4571

Sweetspot

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



36.8093, -25.1936, 17.5599



53.5630, -14.7613, 10.8048



40.7800, -9.8431, 21.0461



25.5271, -7.7358, 5.6163



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.



36.8093, -25.1936, 17.5599



48.4663, -37.4023, 26.0491



37.3558, -21.8815, 9.5926



20.2478, -3.3049, 2.5728



37.4502, -32.0404, 22.3566



82.6588, -70.8123, 49.5471

Inverse Universe

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



26.5574, 30.4667, -19.3132



32.6889, 49.2095, -31.2156



25.3115, 25.0411, -2.1234



19.3810, 1.2873, -0.4786



23.4443, 45.8198, -28.8095



51.7317, 101.0719, -63.3133

Previews

White Background



This preview shows how the HunterLab color 36.8085, -25.1930, 17.5597 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 36.8085, -25.1930, 17.5597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

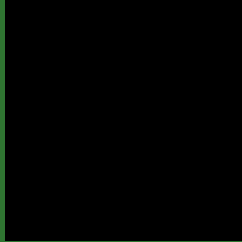
Any Text WCAG AA × Fail

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 36.8085, -25.1930, 17.5597 Background



This preview shows how black text looks on a background with the HunterLab color 36.8085, -25.1930, 17.5597.



This preview shows how white text looks on a background with the HunterLab color 36.8085,

-25.1930, 17.5597.

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

36.8085, -25.1930, 17.5597

Protanopia

36.6979, -4.5720, 18.5221

Deuteranopia

36.6570, 2.2588, 16.9825



Tritanopia

36.8426, -11.0830, -5.5782

Trichromacy



Original Color

36.8085, -25.1930, 17.5597

Protanomaly

36.1885, -13.6488, 17.8254

Deuteranomaly

35.9061, -10.1340, 16.5831

Tritanomaly

36.7668, -17.3926, 5.2741

Monochromacy



Original Color

36.8085, -25.1930, 17.5597

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

32.9159, -11.8035, 8.4064

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.8085, -25.1930, 17.5597 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(47, 117, 49)` looks like.

```
.text, #text, p{  
    color:rgb(47, 117, 49)  
}
```

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(47, 117, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 117, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 36.8085, -25.1930, 17.5597 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(47, 117, 49) }
```


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

```
.border{ border-color:rgb(47, 117, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 117, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 117, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 117, 49);  
box-shadow:4px 4px 4px 4px rgb(47, 117,  
49) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.8085, -25.1930, 17.5597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 117, 49) }
```

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

```
.background{ background-color: rgb(47, 117,  
49) }
```

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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