

Converting Colors

HunterLab(36.6916, -25.6029,
16.9112)

Have a look what the booklet for
HunterLab(36.6916, -25.6029,
16.9112) contains.

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Color

**HunterLab(36.6916,
-25.6029, 16.9112)**

Conversions

Conversions Part 1

Format	Color
Hex	2A7534
RGB	42, 117, 52
RGB Percent	16%, 46%, 20%
CMY	0.8353, 0.5412, 0.7961
CMYK	0.64, 0.00, 0.56, 0.54
HSL	128°, 47%, 31%
HSV	128°, 64%, 46%
XYZ	7.9360, 13.4627, 5.4291
YIQ	87.1650, -23.8350, -36.1150

Conversions

Conversions Part 2

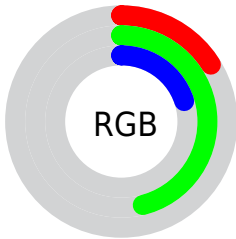
Format	Color
R_{YB}	42, 108, 117
Decimal	2782516
CIE _{Lab}	43.45, -37.72, 28.89
CIE _{LCh}	43, 47.517, 142.553
Yxy	13.4633, 0.2958, 0.5018
Android (android.graphics.Color)	4280972596 (0xFF2A7534)
YUV	87.1650, -17.3363, -39.6097
Hunter-Lab	36.6916, -25.6029, 16.9112

Details

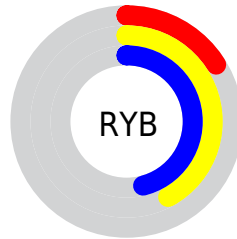
The HunterLab color **36.6916, -25.6029, 16.9112** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **25.4942, 31.1301, -16.0952**, and the grayscale version is **31.0009, -1.6541, 1.6843**.

A 20% lighter version of the original color is **56.7066, -31.5628, 21.7839**, and **20.3598, -17.2664, 11.8252** is the 20% darker color. If you saturate the color by 10%, you get **36.2903, -27.4973, 18.3229**, and if you desaturate by 10%, it is **37.2135, -23.1998, 15.2310**.

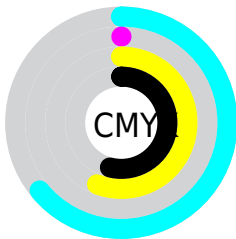
Distribution



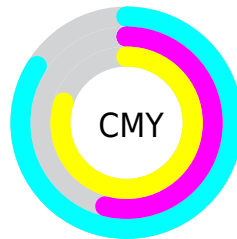
- Red (16%)
- Green (46%)
- Blue (20%)



- Red (16%)
- Yellow (42%)
- Blue (46%)



- Cyan (64%)
- Magenta (0%)
- Yellow (56%)
- Black (54%)



- Cyan (84%)
- Magenta (54%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.6916, -25.6029, 16.9112 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 36.6916, -25.6029, 16.9112 by changing the saturation by 10% instead.

■ 36.6916, -25.6029,
16.9112

■ 36.6916, -25.6029,
16.9112

146.2415,
-48.8969, 36.2887

■ 27.8358, -22.3848,
14.2917

■ 56.6865, -31.4370,
21.6997

■ 19.8352, -18.8543,
11.4719

■ 67.7184, -34.1476,
23.9392

■ 12.7941, -15.4883,
8.9559

■ 79.3855, -36.7602,
26.1064

■ 6.1829, -10.8202,
4.3281

■ 91.6549, -39.2944,
28.2168

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.4984,
-41.7650, 30.2821

0.0000, NaN, NaN

■ 117.8914,

0.0000, NaN, NaN

-44.1833, 32.3113

0.0000, NaN, NaN

131.8122,
-46.5582, 34.3116

■ 36.6916, -25.6029,
16.9112

■ 36.6916, -25.6029,
16.9112

■ 36.2903, -27.4973,
18.3229

■ 37.2135, -23.1998,
15.2310

■ 36.0005, -28.8913,
19.4595

■ 37.8579, -20.2939,
13.2952

■ 35.8105, -29.8265,
20.3221

■ 38.6273, -16.9075,
11.1237

■ 35.7202, -30.2680,
20.6927

■ 39.5218, -13.0738,
8.7406

■ 40.5394, -8.8336,
6.1730

■ 41.6771, -4.2321,
3.4484

■ 42.9307, 0.6838,
0.5944

■ 44.2955, 5.8684,
-2.3636

■ 45.7660, 11.2784,
-5.4024

Harmonies

Analogous

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



36.6924, -14.3191, 21.2540



36.6916, -25.6029, 16.9112



36.6924, -30.3701, 6.0153

Triad

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



36.6924, -25.6034, 16.9114



36.6924, -6.3408, -47.9797



36.6924, 35.8093, 12.5184

Complementary

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



36.6916, -25.6029, 16.9112



25.4942, 31.1301, -16.0952

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.



36.6924, 39.0765, -2.5337



36.6916, -25.6029, 16.9112



36.6924, 12.2886, -43.3068

Square

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



36.6924, -25.6034, 16.9114



36.6924, -20.7302, -34.9607



36.6924, 29.7781, -24.2073



36.6924, 21.5581, 19.7058

Rectangle

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



36.6916, -25.6029, 16.9112



36.6924, -30.0120, -5.9079



36.6924, 29.7781, -24.2073



36.6924, 38.3275, 8.4598

Sweetspot

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



36.6924, -25.6034, 16.9114



53.4937, -14.9418, 10.1400



40.0202, -12.7520, 21.1918



25.5041, -7.7752, 5.2333



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.



36.6924, -25.6034, 16.9114



48.3542, -37.7886, 25.3079



37.3431, -21.6578, 7.4498



20.2619, -3.2265, 2.3716



37.4912, -31.7832, 21.7501



82.7168, -70.4479, 48.6879

Inverse Universe

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



25.4942, 31.1301, -16.0952



31.3050, 49.4462, -24.8750



24.2362, 25.7439, 1.4112



19.3648, 1.2004, -0.2488



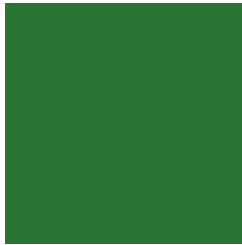
22.8234, 43.6521, -20.6497



50.2924, 96.0443, -44.3780

Previews

White Background



This preview shows how the HunterLab color 36.6916, -25.6029, 16.9112 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 36.6916, -25.6029, 16.9112 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 36.6916, -25.6029, 16.9112 Background



This preview shows how black text looks on a background with the HunterLab color 36.6916, -25.6029, 16.9112.



This preview shows how white text looks on a background with the HunterLab color 36.6916, -25.6029, 16.9112.

-25.6029, 16.9112.

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

36.6916, -25.6029, 16.9112

Protanopia

36.3575, -4.3449, 17.9417

Deuteranopia

36.3384, 2.5779, 16.1209



Tritanopia

36.6666, -11.7403, -5.8329

Trichromacy



Original Color

36.6916, -25.6029, 16.9112

Protanomaly

35.7259, -13.8428, 16.9495

Deuteranomaly

35.5097, -10.0682, 15.6697

Tritanomaly

36.5969, -18.0069, 4.6959

Monochromacy



Original Color

36.6916, -25.6029, 16.9112

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

32.5106, -11.8589, 8.0102

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.6916, -25.6029, 16.9112 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(42, 117, 52)` looks like.

```
.text, #text, p{  
    color:rgb(42, 117, 52)  
}
```

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(42, 117, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 117, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 36.6916, -25.6029, 16.9112 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(42, 117, 52) }
```


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

```
.border{ border-color:rgb(42, 117, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 117, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 117, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 117, 52);  
box-shadow:4px 4px 4px 4px rgb(42, 117,  
52) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.6916, -25.6029, 16.9112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 117, 52) }
```

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

```
.background{ background-color: rgb(42, 117,  
52) }
```

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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