

Converting Colors

HunterLab(36.1584, -24.4833,
16.6263)

Have a look what the booklet for
HunterLab(36.1584, -24.4833,
16.6263) contains.

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Color

**HunterLab(36.1681,
-24.5276, 16.7230)**

Conversions

Conversions Part 1

Format	Color
Hex	2E7333
RGB	46, 115, 51
RGB Percent	18%, 45%, 20%
CMY	0.8196, 0.5490, 0.8000
CMYK	0.60, 0.00, 0.56, 0.55
HSL	124°, 43%, 32%
HSV	124°, 60%, 45%
XYZ	7.8550, 13.0813, 5.2429
YIQ	87.0730, -20.5800, -34.5320

Conversions

Conversions Part 2

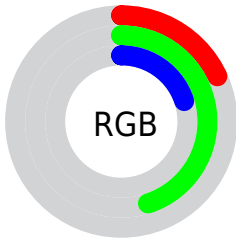
Format	Color
RYB	46, 110, 115
Decimal	3044147
CIELab	42.89, -36.03, 28.77
CIELCh	43, 46.102, 141.395
Yxy	13.0819, 0.3000, 0.4997
Android (android.graphics.Color)	4281234227 (0xFF2E7333)
YUV	87.0730, -17.7840, -36.0210
Hunter-Lab	36.1681, -24.5276, 16.7230

Details

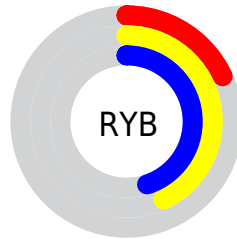
The HunterLab color **36.1681, -24.5276, 16.7230** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **25.9322, 29.3856, -17.2345**, and the grayscale version is **30.9679, -1.6524, 1.6825**.

A 20% lighter version of the original color is **56.1772, -30.3116, 21.6270**, and **19.7616, -16.7872, 11.5385** is the 20% darker color. If you saturate the color by 10%, you get **35.7297, -26.5768, 18.1702**, and if you desaturate by 10%, it is **36.7298, -21.9606, 14.9683**.

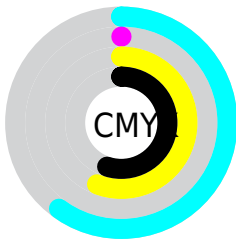
Distribution



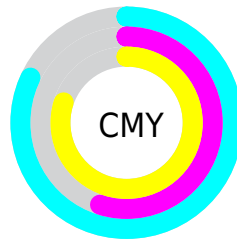
- Red (18%)
- Green (45%)
- Blue (20%)



- Red (18%)
- Yellow (43%)
- Blue (45%)



- Cyan (60%)
- Magenta (0%)
- Yellow (56%)
- Black (55%)



- Cyan (82%)
- Magenta (55%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.1681, -24.5276, 16.7230 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 36.1681, -24.5276, 16.7230 by changing the saturation by 10% instead.

■ 36.1681, -24.5276,
16.7230

■ 36.1681, -24.5276,
16.7230

145.4103,
-47.0261, 36.0683

■ 27.3586, -21.4306,
14.1028

■ 56.0810, -30.1473,
21.5077

■ 19.4092, -18.0334,
11.3026

■ 67.0757, -32.7614,
23.7440

■ 12.4266, -14.9025,
8.6986

■ 78.7077, -35.2831,
25.9075

■ 5.6527, -9.8923,
3.9569

■ 90.9438, -37.7312,
28.0138

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.7554,
-40.1199, 30.0748

0.0000, NaN, NaN

■ 117.1179,

0.0000, NaN, NaN

-42.4598, 32.0997

0.0000, NaN, NaN

131.0093,
-44.7596, 34.0957

■ 36.1681, -24.5276,
16.7230

■ 36.1681, -24.5276,
16.7230

■ 35.7297, -26.5768,
18.1702

■ 36.7298, -21.9606,
14.9683

■ 35.4065, -28.1107,
19.3053

■ 37.4159, -18.8874,
12.9186

■ 35.1903, -29.1538,
20.1356

■ 38.2281, -15.3352,
10.5946

■ 35.0432, -29.8634,
20.6656

■ 39.1658, -11.3416,
8.0222

■ 40.2263, -6.9505,
5.2305

■ 41.4062, -2.2096,
2.2498

■ 42.7009, 2.8332,
-0.8898

■ 44.1050, 8.1317,
-4.1603

■ 45.6131, 13.6430,
-7.5361

Harmonies

Analogous

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



36.1689, -13.3390, 20.8279



36.1681, -24.5276, 16.7230



36.1689, -29.4104, 6.4120

Triad

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



36.1689, -24.5281, 16.7232



36.1689, -6.8001, -45.7137



36.1689, 34.7627, 11.7560

Complementary

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



36.1681, -24.5276, 16.7230



25.9322, 29.3856, -17.2345

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.



36.1689, 37.4213, -3.1212



36.1681, -24.5276, 16.7230



36.1689, 11.0917, -41.9327

Square

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



36.1689, -24.5281, 16.7232



36.1689, -20.5197, -32.7512



36.1689, 28.0821, -24.0316



36.1689, 21.3849, 19.0482

Rectangle

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



36.1681, -24.5276, 16.7230



36.1689, -29.2198, -4.8960



36.1689, 28.0821, -24.0316



36.1689, 37.0285, 7.7060

Sweetspot

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



36.1689, -24.5281, 16.7232



52.6156, -14.3120, 10.1822



39.7493, -10.7128, 20.4503



25.5425, -7.6474, 5.3934



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.



36.1689, -24.5281, 16.7232



47.6252, -36.4431, 24.9548



36.7428, -21.0558, 8.3698



20.2537, -3.2722, 2.4888



37.4659, -31.9418, 22.1239



82.6760, -70.7044, 49.2928

Inverse Universe

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



25.9322, 29.3856, -17.2345



31.8790, 47.3544, -27.5621



24.7375, 24.1668, -0.6785



19.3742, 1.2508, -0.3820



23.1755, 44.8844, -25.3013



51.1073, 98.8986, -55.1591

Previews

White Background



This preview shows how the HunterLab color 36.1681, -24.5276, 16.7230 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 36.1681, -24.5276, 16.7230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

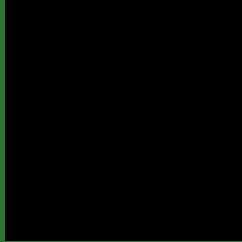
Any Text WCAG AA × Fail

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 36.1681, -24.5276, 16.7230 Background



This preview shows how black text looks on a background with the HunterLab color 36.1681, -24.5276, 16.7230.



This preview shows how white text looks on a background with the HunterLab color 36.1681, -24.5276, 16.7230.

-24.5276, 16.7230.

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

36.1681, -24.5276, 16.7230

Protanopia

35.9963, -4.2369, 17.6770

Deuteranopia

35.8639, 2.2648, 15.9536



Tritanopia

36.1021, -10.9665, -5.5851

Trichromacy



Original Color

36.1681, -24.5276, 16.7230

Protanomaly

35.4911, -13.2634, 16.9659

Deuteranomaly

35.2133, -9.7387, 15.6514

Tritanomaly

36.0554, -17.0994, 4.8884

Monochromacy



Original Color

36.1681, -24.5276, 16.7230

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

32.2824, -11.2465, 7.7968

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.1681, -24.5276, 16.7230 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(46, 115, 51)` looks like.

```
.text, #text, p{  
    color:rgb(46, 115, 51)  
}
```

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(46, 115, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 115, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 36.1681, -24.5276, 16.7230 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(46, 115, 51) }
```


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

```
.border{ border-color:rgb(46, 115, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 115, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 115, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 115, 51);  
box-shadow:4px 4px 4px 4px rgb(46, 115,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.1681, -24.5276, 16.7230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 115, 51) }
```

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

```
.background{ background-color: rgb(46, 115,  
51) }
```

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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