

Converting Colors

HunterLab(35.3086, 12.3533,
-46.1306)

Have a look what the booklet for
HunterLab(35.3086, 12.3533,
-46.1306) contains.

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Color

**HunterLab(35.3576, 12.4003,
-46.0051)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5DAF
RGB	77, 93, 175
RGB Percent	30%, 36%, 69%
CMY	0.6980, 0.6353, 0.3137
CMYK	0.56, 0.47, 0.00, 0.31
HSL	230°, 39%, 49%
HSV	230°, 56%, 69%
XYZ	14.7127, 12.5016, 42.1950
YIQ	97.5640, -35.8580, 22.1100

Conversions

Conversions Part 2

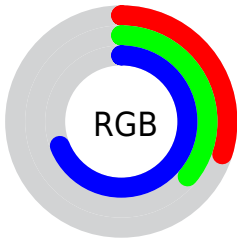
Format	Color
R _Y B	77, 91, 175
Decimal	5070255
CIE Lab	42.00, 18.46, -45.81
CIE LCh	42, 49.386, 291.944
Yxy	12.5020, 0.2120, 0.1801
Android (android.graphics.Color)	4283260335 (0xFF4D5DAF)
YUV	97.5640, 38.1759, -18.0346
Hunter-Lab	35.3576, 12.4003, -46.0051

Details

The HunterLab color **35.3576, 12.4003, -46.0051** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **58.6920, -7.1600, 28.9468**, and the grayscale version is **34.6573, -1.8492, 1.8830**.

A 20% lighter version of the original color is **55.1371, 13.3194, -47.0872**, and **18.8449, 10.8996, -46.1261** is the 20% darker color. If you saturate the color by 10%, you get **30.8872, 17.1542, -58.5202**, and if you desaturate by 10%, it is **40.1894, 8.4205, -34.9214**.

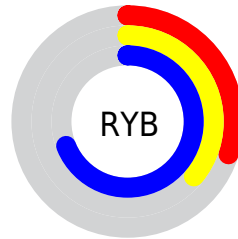
Distribution



Red (30%)

Green (36%)

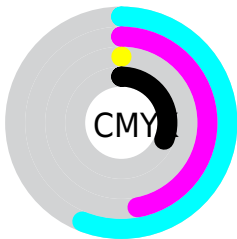
Blue (69%)



Red (30%)

Yellow (36%)

Blue (69%)

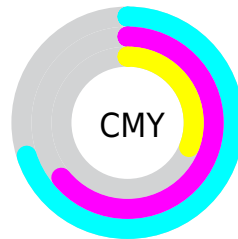


Cyan (56%)

Magenta (47%)

Yellow (0%)

Black (31%)



Cyan (70%)

Magenta (64%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.3576, 12.4003, -46.0051 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 35.3576, 12.4003, -46.0051 by changing the saturation by 10% instead.

■ 35.3576, 12.4003,
-46.0051

■ 35.3576, 12.4003,
-46.0051

■ 144.1183, 14.1428,
-51.7934

■ 26.6205, 11.7734,
-45.7938

■ 55.1418, 13.3214,
-47.1700

■ 18.7517, 11.0084,
-46.2560

■ 66.0785, 13.6430,
-47.8781

■ 11.8610, 10.0802,
-48.3672

■ 77.6556, 13.8857,
-48.5979

■ 4.7091, 16.8258,
-74.4739

■ 89.8395, 14.0572,
-49.3047

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 102.6014, 14.1639,
-49.9843

0.0000, NaN, NaN

115.9161, 14.2110,

0.0000, NaN, NaN

-50.6284

0.0000, NaN, NaN

129.7616, 14.2027,
-51.2323

■ 35.3576, 12.4003,
-46.0051

■ 35.3576, 12.4003,
-46.0051

■ 30.8872, 17.1542,
-58.5202

■ 40.1894, 8.4205,
-34.9214

■ 26.8740, 22.7806,
-72.5206

■ 45.3101, 5.0741,
-25.0626

■ 23.4481, 29.2142,
-87.5925

■ 50.6692, 2.2322,
-16.1969

■ 20.7581, 35.9903,
-102.4208

■ 56.2292, -0.2115,
-8.1209

■ 19.8816, 38.5291,
-108.0236

■ 61.9623, -2.3404,
-0.6686

■ 67.8470, -4.2187,
6.2907

■ 73.8669, -5.8956,
12.8592

■ 80.0087, -7.4092,
19.1163

■ 86.2618, -8.7891,
25.1239

Harmonies

Analogous

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



35.3582, -6.7340, -50.5990



35.3576, 12.4003, -46.0051



35.3582, 30.6826, -25.9113

Triad

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



35.3582, 12.4008, -46.0041



35.3582, 22.8020, 19.5402



35.3582, -30.6514, 6.3436

Complementary

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



35.3576, 12.4003, -46.0051



58.6920, -7.1600, 28.9468

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.



35.3582, -25.7521, 17.0687



35.3576, 12.4003, -46.0051



35.3582, 3.2328, 21.7043

Square

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



35.3582, 12.4008, -46.0041



35.3582, 37.4958, 12.3732



35.3582, -14.2165, 21.1175



35.3582, -29.1897, -13.1881

Rectangle

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



35.3576, 12.4003, -46.0051



35.3582, 38.6549, -10.2433



35.3582, -14.2165, 21.1175



35.3582, -29.7368, 10.8838

Sweetspot

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



35.3582, 12.4008, -46.0041



74.2714, 0.1149, -12.2175



58.9320, -28.5584, 2.9653



34.3224, 0.3439, -6.7331



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.3582, 12.4008, -46.0041



40.1180, 24.4823, -82.2001



34.2015, 27.7313, -48.7486



28.2146, -0.7839, -1.4412



17.0091, 31.9371, -90.2029



3.7814, 2.5790, -10.2937

Inverse Universe

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



39.0035, 33.8428, 8.8836



47.1753, 55.3920, 14.9770



60.8083, -24.5661, 30.1930



28.3476, 1.1226, 1.8377



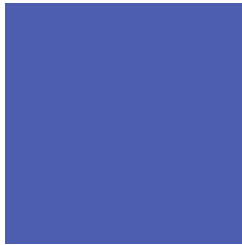
25.6809, 44.2453, 14.5329



4.3564, 7.6488, 1.3541

Previews

White Background



This preview shows how the HunterLab color 35.3576, 12.4003, -46.0051 looks on a white background.

Color Contrast Check

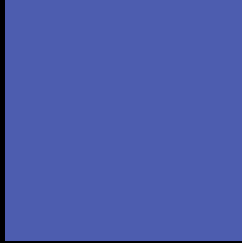
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.3576, 12.4003, -46.0051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

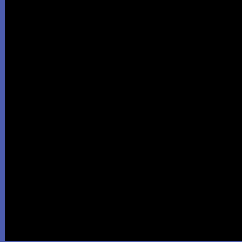
Any Text WCAG AA × Fail

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 35.3576, 12.4003, -46.0051 Background



This preview shows how black text looks on a background with the HunterLab color 35.3576, 12.4003, -46.0051.



This preview shows how white text looks on a background with the HunterLab color 35.3576, 12.4003, -46.0051.

-46.0051.

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

35.3576, 12.4003, -46.0051

Protanopia

35.3693, 8.8710, -48.6556

Deuteranopia

35.3646, 2.8580, -44.4406



Tritanopia

35.4083, -12.1901, -5.5543

Trichromacy



Original Color

35.3576, 12.4003, -46.0051

Protanomaly

35.3794, 10.1069, -47.7288

Deuteranomaly

35.0845, 6.1668, -45.9451

Tritanomaly

35.1184, -4.2587, -18.3913

Monochromacy



Original Color

35.3576, 12.4003, -46.0051

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

34.7070, 1.8291, -12.3013

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.3576, 12.4003, -46.0051 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(77, 93, 175)` looks like.

```
.text, #text, p{  
    color:rgb(77, 93, 175)  
}
```

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(77, 93, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 93, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 35.3576, 12.4003, -46.0051 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(77, 93, 175) }
```


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

```
.border{ border-color:rgb(77, 93, 175) }
```

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

Here you see how a box with a 4 pixel rgb(77, 93, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 93, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 93, 175);  
box-shadow:4px 4px 4px 4px rgb(77, 93,  
175) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.3576, 12.4003, -46.0051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 93, 175) }
```

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

```
.background{ background-color: rgb(77, 93,  
175) }
```

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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