

Converting Colors

HunterLab(34.0841, -0.4862,
-41.5526)

Have a look what the booklet for
HunterLab(34.0841, -0.4862,
-41.5526) contains.

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Color

**HunterLab(34.1714, -0.5387,
-41.5485)**

Conversions

Conversions Part 1

Format	Color
Hex	0063A6
RGB	0, 99, 166
RGB Percent	0%, 39%, 65%
CMY	0.9999, 0.6118, 0.3490
CMYK	1.00, 0.40, 0.00, 0.35
HSL	204°, 100%, 33%
HSV	204°, 100%, 65%
XYZ	11.3448, 11.6768, 37.7323
YIQ	77.0370, -80.5110, -0.1510

Conversions

Conversions Part 2

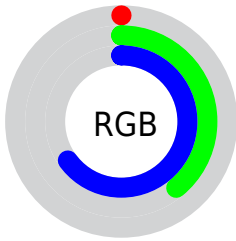
Format	Color
RYB	0, 62, 166
Decimal	25510
CIELab	40.70, 1.80, -42.72
CIELCh	41, 42.762, 272.406
Yxy	11.6772, 0.1867, 0.1922
Android (android.graphics.Color)	4278215590 (0xFF0063A6)
YUV	77.0370, 43.8588, -67.5614
Hunter-Lab	34.1714, -0.5387, -41.5485

Details

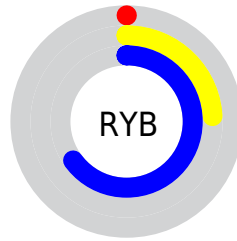
The HunterLab color **34.1714, -0.5387, -41.5485** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **34.8206, 29.9784, 21.9797**, and the grayscale version is **27.1269, -1.4474, 1.4739**.

A 20% lighter version of the original color is **53.7062, -1.0676, -43.2175**, and **19.3351, 5.4337, -35.8971** is the 20% darker color. If you saturate the color by 10%, you get **34.1685, -0.5335, -41.5559**, and if you desaturate by 10%, it is **36.2156, -3.0933, -36.8009**.

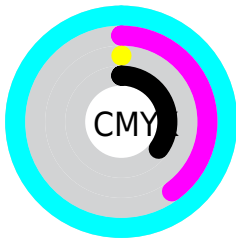
Distribution



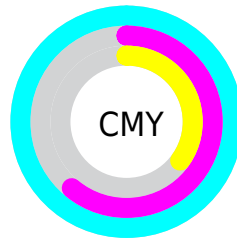
- Red (0%)
- Green (39%)
- Blue (65%)



- Red (0%)
- Yellow (24%)
- Blue (65%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (61%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.1714, -0.5387, -41.5485 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 34.1714, -0.5387, -41.5485 by changing the saturation by 10% instead.

■ 34.1714, -0.5387,
-41.5485

■ 34.1714, -0.5387,
-41.5485

■ 142.2169, -5.5347,
-47.0862

■ 25.5427, -0.1942,
-41.2531

■ 53.7641, -1.3773,
-42.7545

■ 17.7944, 0.0893,
-41.5517

■ 64.6145, -1.8634,
-43.4472

■ 11.0418, 0.3008,
-43.3691

■ 76.1100, -2.3892,
-44.1378

■ 2.7806, 2.6652,
-104.1987

■ 88.2165, -2.9520,
-44.8057

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 100.9045, -3.5497,
-45.4394

0.0000, NaN, NaN

■ 114.1484, -4.1804,

0.0000, NaN, NaN

-46.0327

0.0000, NaN, NaN

127.9258, -4.8425,
-46.5821

■ 34.1714, -0.5387,
-41.5485

■ 34.1714, -0.5387,
-41.5485

■ 34.1685, -0.5335,
-41.5559

■ 36.2156, -3.0933,
-36.8009

■ 38.4158, -5.1677,
-32.0986

■ 40.7988, -6.6496,
-27.4041

■ 43.3570, -7.5548,
-22.7501

■ 46.0800, -7.9196,
-18.1633

■ 48.9558, -7.7904,
-13.6622

■ 51.9725, -7.2165,
-9.2572

■ 55.1187, -6.2462,
-4.9524

■ 58.3836, -4.9244,
-0.7473

Harmonies

Analogous

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



34.1719, -14.8100, -35.0293



34.1714, -0.5387, -41.5485



34.1719, 16.0617, -32.7194

Triad

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



34.1719, -0.5379, -41.5477



34.1719, 27.8510, 14.0220



34.1719, -24.8302, 12.7361

Complementary

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



34.1714, -0.5387, -41.5485



34.8206, 29.9784, 21.9797

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.



34.1719, -16.6532, 18.3862



34.1714, -0.5387, -41.5485



34.1719, 13.4447, 18.8558

Square

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



34.1719, -0.5379, -41.5477



34.1719, 34.2064, 3.0534



34.1719, -3.0936, 19.9847



34.1719, -27.2254, 0.6221

Rectangle

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



34.1714, -0.5387, -41.5485



34.1719, 25.7864, -20.9335



34.1719, -3.0936, 19.9847



34.1719, -22.7503, 15.2274

Sweetspot

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



34.1719, -0.5379, -41.5477



69.7781, -9.7814, -12.8082



52.6033, -42.4035, 25.7892



32.2206, -4.8016, -7.1917



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



34.1719, -0.5379, -41.5477



45.5674, 0.0733, -57.1135



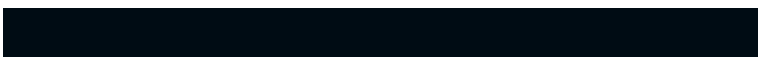
17.7278, 40.2445, -109.0288



28.3131, -2.3292, -0.2231



30.2433, -0.7321, -36.2211



5.6472, -1.5587, -3.6937

Inverse Universe

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



30.0142, 54.3964, -3.8718



40.3796, 73.0930, -4.4632



54.5251, -8.5424, 33.4477



27.5945, 1.5946, 0.4096



26.4469, 47.9675, -3.6571



4.2415, 7.8991, -2.1845

Previews

White Background



This preview shows how the HunterLab color 34.1714, -0.5387, -41.5485 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 34.1714, -0.5387, -41.5485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

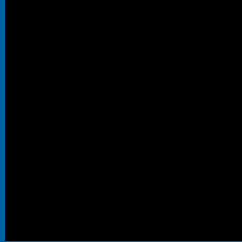
Any Text WCAG AA × Fail

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 34.1714, -0.5387, -41.5485 Background



This preview shows how black text looks on a background with the HunterLab color 34.1714, -0.5387, -41.5485.



This preview shows how white text looks on a background with the HunterLab color 34.1714, -0.5387, -41.5485.

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

34.1714, -0.5387, -41.5485

Protanopia

34.3621, 6.4600, -36.8921

Deuteranopia

34.2548, 2.5560, -41.2906



Tritanopia

34.2495, -16.7054, -6.7468

Trichromacy



Original Color

34.1714, -0.5387, -41.5485

Protanomaly

33.9465, 2.5885, -39.5562

Deuteranomaly

34.1983, 0.9689, -41.4564

Tritanomaly

34.0501, -11.4428, -17.8579

Monochromacy



Original Color

34.1714, -0.5387, -41.5485

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

28.7299, -5.0749, -12.2432

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.1714, -0.5387, -41.5485 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(0, 99, 166)` looks like.

```
.text, #text, p{  
    color:rgb(0, 99, 166)  
}
```

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(0, 99, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 99, 166) }
```

Border

The CSS property to change the border of an element to HunterLab 34.1714, -0.5387, -41.5485 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(0, 99, 166) }
```


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

```
.border{ border-color:rgb(0, 99, 166) }
```

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

Here you see how a box with a 4 pixel rgb(0, 99, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 99, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 99, 166);  
box-shadow:4px 4px 4px 4px rgb(0, 99, 166)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 34.1714, -0.5387, -41.5485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 99, 166) }
```

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

```
.background{ background-color: rgb(0, 99,  
166) }
```

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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