

Converting Colors

HunterLab(29.3872, -18.6213,
-54.2707)

Have a look what the booklet for
HunterLab(29.3872, -18.6213,
-54.2707) contains.

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Color

**HunterLab(34.1179, -0.8302,
-40.8522)**

Conversions

Conversions Part 1

Format	Color
Hex	0063A5
RGB	0, 99, 165
RGB Percent	0%, 39%, 65%
CMY	0.9999, 0.6118, 0.3529
CMYK	1.00, 0.40, 0.00, 0.35
HSL	204°, 100%, 32%
HSV	204°, 100%, 65%
XYZ	11.2534, 11.6403, 37.2510
YIQ	76.9230, -80.1900, -0.4620

Conversions

Conversions Part 2

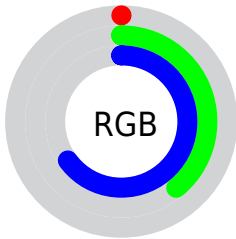
Format	Color
RYB	0, 62, 165
Decimal	25509
CIELab	40.64, 1.39, -42.23
CIELCh	41, 42.250, 271.882
Yxy	11.6407, 0.1871, 0.1935
Android (android.graphics.Color)	4278215589 (0xFF0063A5)
YUV	76.9230, 43.4220, -67.4615
Hunter-Lab	34.1179, -0.8302, -40.8522

Details

The HunterLab color **34.1179, -0.8302, -40.8522** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **34.4953, 30.0195, 21.7800**, and the grayscale version is **27.0876, -1.4453, 1.4717**.

A 20% lighter version of the original color is **53.5616, -1.7654, -41.9783**, and **19.3351, 5.4337, -35.8971** is the 20% darker color. If you saturate the color by 10%, you get **34.1149, -0.8249, -40.8598**, and if you desaturate by 10%, it is **36.1355, -3.3302, -36.1992**.

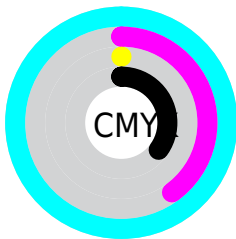
Distribution



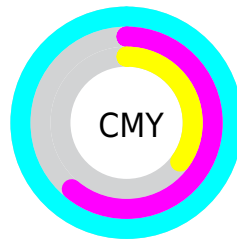
- Red (0%)
- Green (39%)
- Blue (65%)



- 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 34.1179, -0.8302, -40.8522 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 34.1179, -0.8302, -40.8522 by changing the saturation by 10% instead.

■ 34.1179, -0.8302,
-40.8522

■ 34.1179, -0.8302,
-40.8522

■ 142.1308, -5.9994,
-46.3439

■ 25.4941, -0.4596,
-40.5388

■ 53.7019, -1.7151,
-42.0662

■ 17.7514, -0.1471,
-40.7988

■ 64.5483, -2.2221,
-42.7559

■ 11.0051, 0.0975,
-42.5327

■ 76.0402, -2.7676,
-43.4409

■ 2.6602, 2.1313,
-106.3203

■ 88.1431, -3.3491,
-44.1014

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 100.8277, -3.9647,
-44.7267

0.0000, NaN, NaN

■ 114.0684, -4.6126,

0.0000, NaN, NaN

-45.3106

0.0000, NaN, NaN

127.8427, -5.2913,
-45.8502

■ 34.1179, -0.8302,
-40.8522

■ 34.1179, -0.8302,
-40.8522

■ 34.1149, -0.8249,
-40.8598

■ 36.1355, -3.3302,
-36.1992

■ 38.3062, -5.3570,
-31.5873

■ 40.6570, -6.7980,
-26.9782

■ 43.1810, -7.6682,
-22.4039

■ 45.8679, -8.0029,
-17.8909

■ 48.7060, -7.8476,
-13.4580

■ 51.6838, -7.2506,
-9.1160

■ 54.7900, -6.2598,
-4.8696

■ 58.0140, -4.9194,
-0.7187

Harmonies

Analogous

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



34.1184, -14.8617, -34.2021



34.1179, -0.8302, -40.8522



34.1184, 15.5458, -32.4280

Triad

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



34.1184, -0.8295, -40.8514



34.1184, 27.6298, 13.7691



34.1184, -24.4882, 12.7698

Complementary

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



34.1179, -0.8302, -40.8522



34.4953, 30.0195, 21.7800

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.



34.1184, -16.2887, 18.3063



34.1179, -0.8302, -40.8522



34.1184, 13.5274, 18.6737

Square

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



34.1184, -0.8295, -40.8514



34.1184, 33.7086, 2.7830



34.1184, -2.8039, 19.8554



34.1184, -26.9628, 0.9046

Rectangle

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



34.1179, -0.8302, -40.8522



34.1184, 25.1866, -20.9218



34.1184, -2.8039, 19.8554



34.1184, -22.3929, 15.2106

Sweetspot

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



34.1184, -0.8295, -40.8514



68.9351, -9.7632, -12.5258



52.2535, -42.1176, 25.6095



31.4807, -4.7394, -6.9343



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



34.1184, -0.8295, -40.8514



45.2060, -0.3422, -55.7648



17.6159, 39.9520, -108.2572



27.4471, -2.2664, -0.1988



29.8396, -0.9997, -35.1389



5.2526, -1.5691, -3.1781

Inverse Universe

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



29.8344, 54.1063, -4.1283



39.8724, 72.2249, -4.7939



54.1642, -8.4891, 33.2262



26.7469, 1.5354, 0.3906



25.9673, 47.1322, -3.8598



3.8814, 7.2522, -2.1838

Previews

White Background



This preview shows how the HunterLab color 34.1179, -0.8302, -40.8522 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 34.1179, -0.8302, -40.8522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

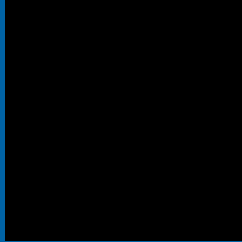
Any Text WCAG AA × Fail

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 34.1179, -0.8302, -40.8522 Background



This preview shows how black text looks on a background with the HunterLab color 34.1179, -0.8302, -40.8522.



This preview shows how white text looks on a background with the HunterLab color 34.1179, -0.8302, -40.8522.

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

34.1179, -0.8302, -40.8522

Protanopia

34.3110, 6.1918, -36.2193

Deuteranopia

34.3132, 2.7517, -41.1447



Tritanopia

33.9455, -16.3313, -7.1744

Trichromacy



Original Color

34.1179, -0.8302, -40.8522

Protanomaly

33.8939, 2.3067, -38.8690

Deuteranomaly

34.2172, 1.0331, -41.4090

Tritanomaly

33.7549, -11.0345, -18.3705

Monochromacy



Original Color

34.1179, -0.8302, -40.8522

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 34.1179, -0.8302, -40.8522 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, 165)` looks like.

```
.text, #text, p{  
    color:rgb(0, 99, 165)  
}
```

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, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 99, 165) }
```

Border

The CSS property to change the border of an element to HunterLab 34.1179, -0.8302, -40.8522 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, 165) }
```


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

```
.border{ border-color:rgb(0, 99, 165) }
```

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, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 99, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 99, 165);  
box-shadow:4px 4px 4px 4px rgb(0, 99, 165)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 34.1179, -0.8302, -40.8522 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, 165) }
```

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

```
.background{ background-color: rgb(0, 99,  
165) }
```

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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