

Converting Colors

HunterLab(29.2800, 1.6154,
-40.0845)

Have a look what the booklet for
HunterLab(29.2800, 1.6154,
-40.0845) contains.

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Color

**HunterLab(29.2278, 1.8333,
-40.4899)**

Conversions

Conversions Part 1

Format	Color
Hex	005496
RGB	0, 84, 150
RGB Percent	0%, 33%, 59%
CMY	0.9999, 0.6706, 0.4118
CMYK	1.00, 0.44, 0.00, 0.41
HSL	206°, 100%, 29%
HSV	206°, 100%, 59%
XYZ	8.6753, 8.5426, 30.0458
YIQ	66.4080, -71.2500, 2.7180

Conversions

Conversions Part 2

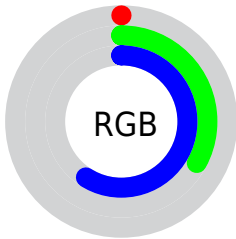
Format	Color
RYB	0, 54, 150
Decimal	21654
CIELab	35.09, 4.92, -42.12
CIELCh	35, 42.410, 276.655
Yxy	8.5429, 0.1836, 0.1807
Android (android.graphics.Color)	4278211734 (0xFF005496)
YUV	66.4080, 41.2109, -58.2398
Hunter-Lab	29.2278, 1.8333, -40.4899

Details

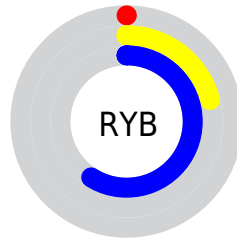
The HunterLab color **29.2278, 1.8333, -40.4899** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **32.2229, 24.0850, 20.2761**, and the grayscale version is **23.3645, -1.2467, 1.2694**.

A 20% lighter version of the original color is **47.9811, 1.5023, -41.7788**, and **15.4901, 7.0411, -34.5609** is the 20% darker color. If you saturate the color by 10%, you get **29.2254, 1.8379, -40.4966**, and if you desaturate by 10%, it is **31.1737, -0.6751, -35.6816**.

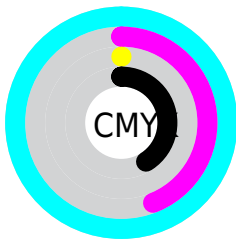
Distribution



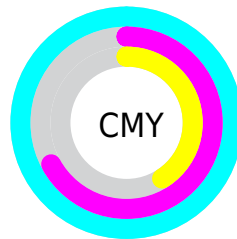
- Red (0%)
- Green (33%)
- Blue (59%)



- Red (0%)
- Yellow (21%)
- Blue (59%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (67%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.2278, 1.8333, -40.4899 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 29.2278, 1.8333, -40.4899 by changing the saturation by 10% instead.

■ 29.2278, 1.8333,
-40.4899

■ 29.2278, 1.8333,
-40.4899

■ 134.1381, -1.6017,
-45.9248

■ 21.0814, 1.9353,
-40.4263

■ 47.9750, 1.4177,
-41.5533

■ 13.8746, 1.9454,
-41.3049

■ 58.4460, 1.1208,
-42.2312

■ 7.5058, 2.4526,
-46.7219

■ 69.5843, 0.7729,
-42.9211

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 81.3520, 0.3786,
-43.5956

0.0000, NaN, NaN

■ 93.7171, -0.0587,
-44.2398

0.0000, NaN, NaN

■ 106.6521, -0.5361,

0.0000, NaN, NaN

-44.8453

0.0000, NaN, NaN

120.1328, -1.0511,
-45.4077

■ 29.2278, 1.8333,
-40.4899

■ 29.2278, 1.8333,
-40.4899

■ 29.2254, 1.8379,
-40.4966

■ 31.1737, -0.6751,
-35.6816

■ 33.2644, -2.7566,
-30.9804

■ 35.5268, -4.2971,
-26.3383

■ 37.9509, -5.3184,
-21.7866

■ 40.5248, -5.8592,
-17.3468

■ 43.2361, -5.9656,
-13.0307

■ 46.0729, -5.6846,
-8.8415

■ 49.0240, -5.0610,
-4.7768

■ 52.0796, -4.1356,
-0.8304

Harmonies

Analogous

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



29.2282, -12.0697, -36.1238



29.2278, 1.8333, -40.4899



29.2282, 17.5851, -29.8061

Triad

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



29.2282, 1.8341, -40.4892



29.2282, 25.1574, 13.6330



29.2282, -23.4889, 10.4613

Complementary

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



29.2278, 1.8333, -40.4899



32.2229, 24.0850, 20.2761

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.



29.2282, -16.7742, 16.0975



29.2278, 1.8333, -40.4899



29.2282, 10.6803, 17.1825

Square

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



29.2282, 1.8341, -40.4892



29.2282, 32.6869, 4.5767



29.2282, -4.8080, 17.7794



29.2282, -24.9219, -1.7473

Rectangle

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



29.2278, 1.8333, -40.4899



29.2282, 26.4299, -17.7045



29.2282, -4.8080, 17.7794



29.2282, -21.8509, 12.9569

Sweetspot

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



29.2282, 1.8341, -40.4892



60.9725, -7.5878, -12.0779



47.1113, -37.5040, 22.0769



28.0225, -3.6604, -6.6732



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



29.2282, 1.8341, -40.4892



38.3670, 3.2596, -54.9919



15.5554, 37.2006, -99.7431



24.7775, -1.9179, -0.2472



26.7367, 1.4588, -36.5677



3.8254, -1.1942, -2.2034

Inverse Universe

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



26.6921, 48.1043, -1.3414



35.4071, 63.7246, -1.0654



50.2403, -9.9115, 30.7835



24.2209, 1.3053, 0.4802



24.3208, 43.8591, -1.4089



2.7989, 5.2403, -1.6579

Previews

White Background



This preview shows how the HunterLab color 29.2278, 1.8333, -40.4899 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 29.2278, 1.8333, -40.4899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

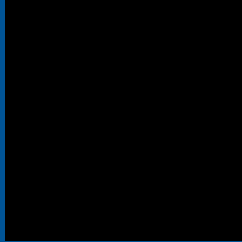
Any Text WCAG AA × Fail

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 29.2278, 1.8333, -40.4899 Background



This preview shows how black text looks on a background with the HunterLab color 29.2278, 1.8333, -40.4899.



This preview shows how white text looks on a background with the HunterLab color 29.2278, 1.8333, -40.4899.

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

29.2278, 1.8333, -40.4899

Protanopia

29.2279, 6.7053, -37.0369

Deuteranopia

29.1729, 1.5385, -39.7847



Tritanopia

29.2167, -14.2780, -5.6962

Trichromacy



Original Color

29.2278, 1.8333, -40.4899

Protanomaly

28.8354, 4.2363, -38.9153

Deuteranomaly

29.1729, 1.5385, -39.7847

Tritanomaly

29.0329, -9.1028, -16.6382

Monochromacy



Original Color

29.2278, 1.8333, -40.4899

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

24.7394, -3.6461, -11.9230

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.2278, 1.8333, -40.4899 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, 84, 150)` looks like.

```
.text, #text, p{  
    color:rgb(0, 84, 150)  
}
```

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, 84, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 84, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 29.2278, 1.8333, -40.4899 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, 84, 150) }
```


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

```
.border{ border-color:rgb(0, 84, 150) }
```

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

Here you see how a box with a 4 pixel rgb(0, 84, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 84, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 84, 150);  
box-shadow:4px 4px 4px 4px rgb(0, 84, 150)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.2278, 1.8333, -40.4899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 84, 150) }
```

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

```
.background{ background-color: rgb(0, 84,  
150) }
```

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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