

Converting Colors

HunterLab(28.9548, 34.2814,
-71.6713)

Have a look what the booklet for
HunterLab(28.9548, 34.2814,
-71.6713) contains.

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Color

**HunterLab(28.9516, 34.3830,
-72.1901)**

Conversions

Conversions Part 1

Format	Color
Hex	563AB6
RGB	86, 58, 182
RGB Percent	34%, 23%, 71%
CMY	0.6627, 0.7725, 0.2863
CMYK	0.53, 0.68, 0.00, 0.29
HSL	254°, 52%, 47%
HSV	254°, 68%, 71%
XYZ	13.7943, 8.3820, 45.1468
YIQ	80.5080, -23.1160, 44.5000

Conversions

Conversions Part 2

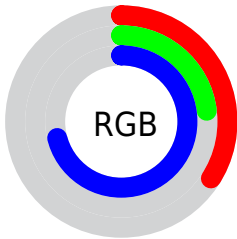
Format	Color
R_{YB}	86, 58, 182
Decimal	5651126
CIE _{Lab}	34.77, 43.94, -61.61
CIE _{LCh}	35, 75.673, 305.497
Yxy	8.3822, 0.2049, 0.1245
Android (android.graphics.Color)	4283841206 (0xFF563AB6)
YUV	80.5080, 50.0356, 4.8165
Hunter-Lab	28.9516, 34.3830, -72.1901

Details

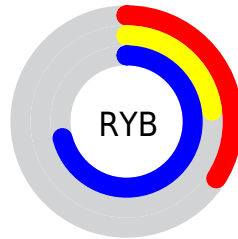
The HunterLab color **28.9516, 34.3830, -72.1901** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **63.7426, -25.2507, 35.1125**, and the grayscale version is **28.3381, -1.5120, 1.5397**.

A 20% lighter version of the original color is **47.6200, 37.8862, -71.6671**, and **13.7009, 30.7661, -79.3944** is the 20% darker color. If you saturate the color by 10%, you get **25.0120, 40.8813, -88.7797**, and if you desaturate by 10%, it is **33.5985, 27.8412, -56.9065**.

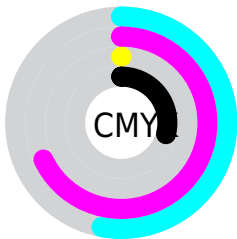
Distribution



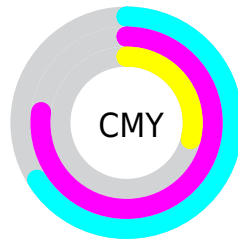
- Red (34%)
- Green (23%)
- Blue (71%)



- Red (34%)
- Yellow (23%)
- Blue (71%)



- Cyan (53%)
- Magenta (68%)
- Yellow (0%)
- Black (29%)



- Cyan (66%)
- Magenta (77%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.9516, 34.3830, -72.1901 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 28.9516, 34.3830, -72.1901 by changing the saturation by 10% instead.

■ 28.9516, 34.3830,
-72.1901

■ 28.9516, 34.3830,
-72.1901

■ 133.6786, 45.7882,
-76.5379

■ 20.8338, 32.5873,
-74.2911

■ 47.6491, 37.6659,
-71.4931

■ 13.6593, 30.7820,
-79.4808

■ 58.0978, 39.1294,
-71.8910

■ 7.2641, 31.6946,
-97.6033

■ 69.2152, 40.4799,
-72.5074

0.0000, INF, -NF

■ 80.9631, 41.7246,
-73.2456

0.0000, NaN, -NF

■ 93.3094, 42.8712,
-74.0478

0.0000, NaN, -NF

■ 106.2264, 43.9265,

0.0000, NaN, NaN

-74.8781

0.0000, NaN, NaN

119.6899, 44.8970,
-75.7131

■ 28.9516, 34.3830,
-72.1901

■ 28.9516, 34.3830,
-72.1901

■ 25.0120, 40.8813,
-88.7797

■ 33.5985, 27.8412,
-56.9065

■ 21.9781, 46.4723,
-105.0329

■ 38.7865, 21.6131,
-43.3727

■ 19.9521, 50.1450,
-118.3404

■ 44.3949, 15.7806,
-31.4725

■ 19.6239, 50.8167,
-120.7305

■ 50.3382, 10.3128,
-20.9276

■ 56.5558, 5.1469,
-11.4562

■ 63.0040, 0.2196,
-2.8208

■ 69.6504, -4.5236,
5.1659

■ 76.4706, -9.1265,
12.6479

■ 83.4458, -13.6236,
19.7355

Harmonies

Analogous

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



28.9520, 3.4989, -100.1167



28.9516, 34.3830, -72.1901



28.9520, 60.9467, -26.6000

Triad

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



28.9520, 34.3839, -72.1890



28.9520, 22.7650, 20.2664



28.9520, -36.8142, -3.4632

Complementary

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



28.9516, 34.3830, -72.1901



63.7426, -25.2507, 35.1125

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.



28.9520, -34.8557, 15.3338



28.9516, 34.3830, -72.1901



28.9520, -6.2682, 20.2664

Square

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



28.9520, 34.3839, -72.1890



28.9520, 52.7199, 17.9582



28.9520, -25.5927, 20.2664



28.9520, -32.4503, -43.0685

Rectangle

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



28.9516, 34.3830, -72.1901



28.9520, 68.7837, -2.4941



28.9520, -25.5927, 20.2664



28.9520, -36.8473, 5.1293

Sweetspot

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



28.9520, 34.3839, -72.1890



74.2750, 8.4345, -18.1325



52.6917, -17.9128, -17.6434



33.7976, 4.8733, -10.1772



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



28.9520, 34.3839, -72.1890



31.3617, 59.2589, -131.3252



35.4884, 48.3769, -51.2234



29.6896, 0.3845, -1.8273



16.5671, 42.7677, -100.8908



3.5349, 8.4322, -16.1532

Inverse Universe

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



39.1206, 53.0784, -21.2960



48.5758, 82.1137, -30.3763



60.0797, -39.7184, 32.3751



30.2111, 2.0305, -0.2123



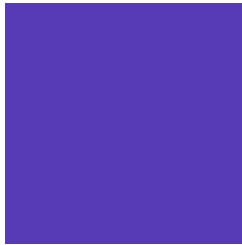
28.9645, 54.3195, -17.8493



5.5174, 10.4788, -4.4197

Previews

White Background



This preview shows how the HunterLab color 28.9516, 34.3830, -72.1901 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 28.9516, 34.3830, -72.1901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

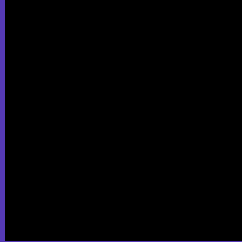
Any Text WCAG AA × Fail

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 28.9516, 34.3830, -72.1901 Background



This preview shows how black text looks on a background with the HunterLab color 28.9516, 34.3830, -72.1901.



This preview shows how white text looks on a background with the HunterLab color 28.9516, 34.3830, -72.1901.

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

28.9516, 34.3830, -72.1901

Protanopia

28.9517, 9.5774, -56.8619

Deuteranopia

28.9037, 0.0859, -36.3126



Tritanopia

28.8370, -7.1914, -3.6488

Trichromacy



Original Color

28.9516, 34.3830, -72.1901

Protanomaly

27.8861, 16.9041, -65.5038

Deuteranomaly

27.9143, 10.3171, -51.3254

Tritanomaly

28.0687, 6.0160, -23.5822

Monochromacy



Original Color

28.9516, 34.3830, -72.1901

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

28.1284, 9.2833, -18.6321

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.9516, 34.3830, -72.1901 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(86, 58, 182)` looks like.

```
.text, #text, p{  
    color:rgb(86, 58, 182)  
}
```

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(86, 58, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 58, 182) }
```

Border

The CSS property to change the border of an element to HunterLab 28.9516, 34.3830, -72.1901 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(86, 58, 182) }
```


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

```
.border{ border-color:rgb(86, 58, 182) }
```

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

Here you see how a box with a 4 pixel rgb(86, 58, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 58, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 58, 182);  
box-shadow:4px 4px 4px 4px rgb(86, 58,  
182) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.9516, 34.3830, -72.1901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 58, 182) }
```

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

```
.background{ background-color: rgb(86, 58,  
182) }
```

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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