

Converting Colors

HunterLab(29.8532, 36.9444,
-80.0006)

Have a look what the booklet for
HunterLab(29.8532, 36.9444,
-80.0006) contains.

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Color

**HunterLab(29.8532, 36.9444,
-80.0006)**

Conversions

Conversions Part 1

Format	Color
Hex	563BC0
RGB	86, 59, 192
RGB Percent	34%, 23%, 75%
CMY	0.6627, 0.7686, 0.2471
CMYK	0.55, 0.69, 0.00, 0.25
HSL	252°, 53%, 49%
HSV	252°, 69%, 75%
XYZ	14.9161, 8.9121, 50.8032
YIQ	82.2350, -26.6010, 47.0870

Conversions

Conversions Part 2

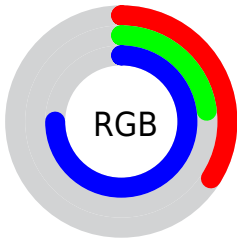
Format	Color
R_{YB}	86, 59, 192
Decimal	5651392
CIE _{Lab}	35.82, 46.36, -65.79
CIE _{LCh}	36, 80.480, 305.172
Yxy	8.9124, 0.1999, 0.1194
Android (android.graphics.Color)	4283841472 (0xFF563BC0)
YUV	82.2350, 54.1141, 3.3019
Hunter-Lab	29.8532, 36.9444, -80.0006

Details

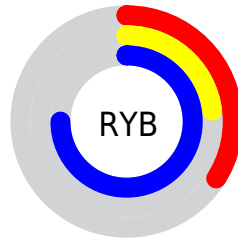
The HunterLab color $[29.8532, 36.9444, -80.0006]$ is a dark color, and the websafe version is hex $6633CC$. The color can be described as dark muted blue. A complement of this color would be $[67.8336, -26.2003, 37.7236]$, and the grayscale version is $[28.9501, -1.5447, 1.5729]$.

A 20% lighter version of the original color is $[48.7817, 39.9382, -78.1702]$, and $[14.3145, 33.2337, -88.6252]$ is the 20% darker color. If you saturate the color by 10%, you get $[25.7649, 43.8906, -98.1144]$, and if you desaturate by 10%, it is $[34.7382, 29.9236, -63.1860]$.

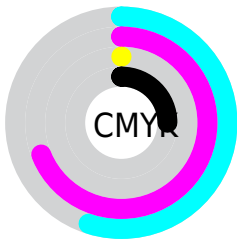
Distribution



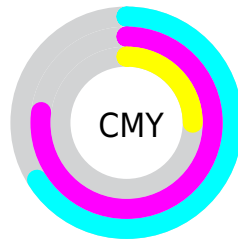
- Red (34%)
- Green (23%)
- Blue (75%)



- Red (34%)
- Yellow (23%)
- Blue (75%)



- Cyan (55%)
- Magenta (69%)
- Yellow (0%)
- Black (25%)



- Cyan (66%)
- Magenta (77%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.8532, 36.9444, -80.0006 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 29.8532, 36.9444, -80.0006 by changing the saturation by 10% instead.

■ 29.8532, 36.9444,
-80.0006

■ 29.8532, 36.9444,
-80.0006

■ 135.1750, 49.0168,
-83.7298

■ 21.6427, 35.0903,
-82.5858

■ 48.7120, 40.3685,
-78.8203

■ 14.3635, 33.2439,
-88.5871

■ 59.2328, 41.9074,
-79.1054

■ 8.0235, 32.7659,
-105.5643

■ 70.4180, 43.3341,
-79.6579

0.0000, INF, -NF

■ 82.2301, 44.6551,
-80.3664

0.0000, NaN, -NF

■ 94.6375, 45.8775,
-81.1634

0.0000, NaN, -NF

■ 107.6129, 47.0079,

0.0000, NaN, NaN

-82.0065

0.0000, NaN, NaN

121.1324, 48.0524,
-82.8681

■ 29.8532, 36.9444,
-80.0006

■ 29.8532, 36.9444,
-80.0006

■ 25.7649, 43.8906,
-98.1144

■ 34.7382, 29.9236,
-63.1860

■ 22.6961, 49.7278,
-115.4199

■ 40.2294, 23.2636,
-48.3009

■ 20.7106, 53.4660,
-129.0673

■ 46.1883, 17.0645,
-35.2556

■ 20.5836, 53.7389,
-130.0222

■ 52.5170, 11.2892,
-23.7425

■ 59.1470, 5.8632,
-13.4413

■ 66.0290, 0.7119,
-4.0805

■ 73.1269, -4.2280,
4.5533

■ 80.4138, -9.0072,
12.6236

■ 87.8686, -13.6651,
20.2552

Harmonies

Analogous

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



29.8536, 3.5037, -110.7083



29.8532, 36.9444, -80.0006



29.8536, 66.1219, -29.5612

Triad

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



29.8536, 36.9456, -79.9995



29.8536, 25.0502, 20.8975



29.8536, -38.8965, -3.4622

Complementary

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



29.8532, 36.9444, -80.0006



67.8336, -26.2003, 37.7236

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.



29.8536, -36.8076, 16.2657



29.8532, 36.9444, -80.0006



29.8536, -6.3720, 20.8975

Square

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



29.8536, 36.9456, -79.9995



29.8536, 57.6403, 18.7519



29.8536, -27.0408, 20.8975



29.8536, -34.4625, -46.6412

Rectangle

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



29.8532, 36.9444, -80.0006



29.8536, 74.9003, -3.0992



29.8536, -27.0408, 20.8975



29.8536, -38.9083, 5.6846

Sweetspot

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



29.8536, 36.9456, -79.9995



77.7437, 9.3675, -20.8425



56.3830, -20.0132, -18.0479



34.8514, 5.2714, -11.4111



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



29.8536, 36.9456, -79.9995



32.4019, 63.3630, -144.2691



36.9036, 51.7278, -56.4757



31.3756, 0.3632, -1.9849



16.9646, 44.1473, -106.0517



3.9253, 9.5410, -19.3138

Inverse Universe

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



41.2927, 57.8254, -24.6522



51.5164, 88.6096, -35.2239



63.7669, -42.2440, 34.7062



31.9552, 2.2104, -0.3284



30.1663, 56.8296, -20.5757



6.3426, 12.0675, -5.2472

Previews

White Background



This preview shows how the HunterLab color 29.8532, 36.9444, -80.0006 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 29.8532, 36.9444, -80.0006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

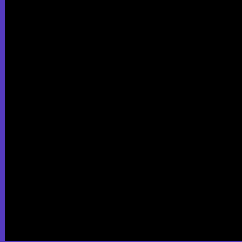
Any Text WCAG AA × Fail

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 29.8532, 36.9444, -80.0006 Background



This preview shows how black text looks on a background with the HunterLab color 29.8532, 36.9444, -80.0006.



This preview shows how white text looks on a background with the HunterLab color 29.8532, 36.9444, -80.0006.

-80.0006.

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

29.8532, 36.9444, -80.0006

Protanopia

29.7071, 9.8604, -58.4170

Deuteranopia

29.6009, 0.0235, -37.0493



Tritanopia

29.8420, -8.9773, -4.2378

Trichromacy



Original Color

29.8532, 36.9444, -80.0006

Protanomaly

28.8289, 18.1800, -69.6277

Deuteranomaly

28.4685, 11.3787, -54.4234

Tritanomaly

28.8927, 5.5045, -26.8964

Monochromacy



Original Color

29.8532, 36.9444, -80.0006

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

28.5337, 9.6767, -20.5072

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.8532, 36.9444, -80.0006 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, 59, 192)` looks like.

```
.text, #text, p{  
    color:rgb(86, 59, 192)  
}
```

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, 59, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 59, 192) }
```

Border

The CSS property to change the border of an element to HunterLab 29.8532, 36.9444, -80.0006 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, 59, 192) }
```


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

```
.border{ border-color:rgb(86, 59, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 59, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 59, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 59, 192);  
box-shadow:4px 4px 4px 4px rgb(86, 59,  
192) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.8532, 36.9444, -80.0006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 59, 192) }
```

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

```
.background{ background-color: rgb(86, 59,  
192) }
```

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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