

Converting Colors

HunterLab(28.8315, 8.4732,
-54.3281)

Have a look what the booklet for
HunterLab(28.8315, 8.4732,
-54.3281) contains.

HunterLab(28.7616, 8.6063, -54.5280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(28.7616, 8.6063,
-54.5280)**

Conversions

Conversions Part 1

Format	Color
Hex	004FA4
RGB	0, 79, 164
RGB Percent	0%, 31%, 64%
CMY	0.9999, 0.6902, 0.3569
CMYK	1.00, 0.52, 0.00, 0.36
HSL	211°, 100%, 32%
HSV	211°, 100%, 64%
XYZ	9.4968, 8.2723, 36.2181
YIQ	65.0690, -74.3690, 9.6870

Conversions

Conversions Part 2

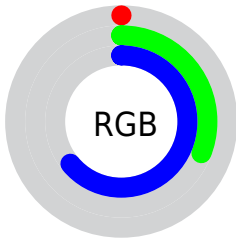
Format	Color
R_{YB}	0, 53, 164
Decimal	20388
CIE _{Lab}	34.54, 14.16, -51.43
CIE _{LCh}	35, 53.343, 285.389
Yxy	8.2725, 0.1759, 0.1532
Android (android.graphics.Color)	4278210468 (0xFF004FA4)
YUV	65.0690, 48.7730, -57.0655
Hunter-Lab	28.7616, 8.6063, -54.5280

Details

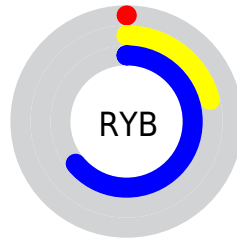
The HunterLab color **28.7616, 8.6063, -54.5280** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **37.9397, 20.9315, 23.7434**, and the grayscale version is **22.8723, -1.2204, 1.2427**.

A 20% lighter version of the original color is **47.3506, 9.6167, -55.4377**, and **15.5224, 13.0854, -47.6494** is the 20% darker color. If you saturate the color by 10%, you get **28.7579, 8.6139, -54.5398**, and if you desaturate by 10%, it is **31.1323, 4.9810, -47.6177**.

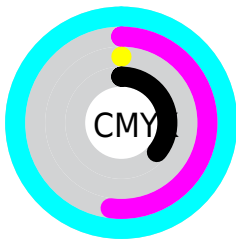
Distribution



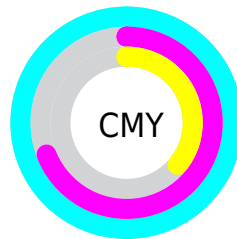
- Red (0%)
- Green (31%)
- Blue (64%)



- Red (0%)
- Yellow (21%)
- Blue (64%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (69%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7616, 8.6063, -54.5280 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 28.7616, 8.6063, -54.5280 by changing the saturation by 10% instead.

■ 28.7616, 8.6063,
-54.5280

■ 28.7616, 8.6063,
-54.5280

■ 133.3619, 9.1122,
-60.0178

■ 20.6635, 8.1244,
-55.2937

■ 47.4246, 9.2359,
-54.9937

■ 13.5115, 7.4964,
-57.9029

■ 57.8580, 9.4137,
-55.6167

■ 7.0927, 8.3182,
-69.5720

■ 68.9609, 9.5154,
-56.3341

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 80.6952, 9.5489,
-57.0903

0.0000, NaN, -NF

■ 93.0286, 9.5206,
-57.8528

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.9332, 9.4357,

-58.6021

0.0000, NaN, NaN

119.3848, 9.2983,
-59.3262

■ 28.7616, 8.6063,
-54.5280

■ 28.7616, 8.6063,
-54.5280

■ 28.7579, 8.6139,
-54.5398

■ 31.1323, 4.9810,
-47.6177

■ 33.7152, 1.9138,
-40.9555

■ 36.5261, -0.4893,
-34.5125

■ 39.5441, -2.2671,
-28.3328

■ 42.7480, -3.4797,
-22.4330

■ 46.1179, -4.1936,
-16.8094

■ 49.6361, -4.4730,
-11.4459

■ 53.2871, -4.3760,
-6.3201

■ 57.0577, -3.9536,
-1.4069

Harmonies

Analogous

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



28.7620, -10.0308, -54.8310



28.7616, 8.6063, -54.5280



28.7620, 28.6870, -34.1492

Triad

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



28.7620, 8.6074, -54.5273



28.7620, 28.2128, 16.7980



28.7620, -28.6520, 8.9068

Complementary

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



28.7616, 8.6063, -54.5280



37.9397, 20.9315, 23.7434

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.



28.7620, -22.8638, 16.6926



28.7616, 8.6063, -54.5280



28.7620, 8.0752, 18.9890

Square

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



28.7620, 8.6074, -54.5273



28.7620, 41.8224, 9.2239



28.7620, -10.4437, 18.9619



28.7620, -28.5785, -9.0325

Rectangle

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



28.7616, 8.6063, -54.5280



28.7620, 38.8438, -16.5614



28.7620, -10.4437, 18.9619



28.7620, -27.4079, 12.4531

Sweetspot

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



28.7620, 8.6074, -54.5273



66.5929, -6.0190, -15.8321



52.1566, -40.2615, 21.7238



30.2440, -2.7688, -8.7353



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.



28.7620, 8.6074, -54.5273



38.2074, 12.6969, -75.1649



16.4280, 44.4390, -115.8580



27.1965, -1.8556, -0.5032



25.3689, 7.1669, -47.1802



4.7938, -0.8948, -4.0603

Inverse Universe

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



29.0821, 51.7396, 3.7454



39.1264, 69.5163, 5.8170



58.4432, -16.6722, 35.7197



26.7210, 1.3966, 0.7585



25.4830, 45.3757, 3.0143



3.8210, 7.0366, -1.3530

Previews

White Background



This preview shows how the HunterLab color 28.7616, 8.6063, -54.5280 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 28.7616, 8.6063, -54.5280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

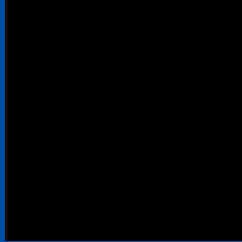
Any Text WCAG AA × Fail

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 28.7616, 8.6063, -54.5280 Background



This preview shows how black text looks on a background with the HunterLab color 28.7616, 8.6063, -54.5280.



This preview shows how white text looks on a background with the HunterLab color 28.7616, 8.6063, -54.5280.

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

28.7616, 8.6063, -54.5280

Protanopia

28.7466, 9.7144, -53.5828

Deuteranopia

28.6359, 0.5483, -36.9759



Tritanopia

28.5602, -13.9339, -5.6186

Trichromacy



Original Color

28.7616, 8.6063, -54.5280

Protanomaly

28.6120, 9.2980, -54.0092

Deuteranomaly

28.7558, 3.0813, -42.5939

Tritanomaly

28.3479, -6.9233, -20.4870

Monochromacy



Original Color

28.7616, 8.6063, -54.5280

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

24.0652, -1.6629, -15.5335

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7616, 8.6063, -54.5280 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, 79, 164)` looks like.

```
.text, #text, p{  
  color:rgb(0, 79, 164)  
}
```

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, 79, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 79, 164) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7616, 8.6063, -54.5280 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, 79, 164) }
```


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

```
.border{ border-color:rgb(0, 79, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 79, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 79, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 79, 164);  
box-shadow:4px 4px 4px 4px rgb(0, 79, 164)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.7616, 8.6063, -54.5280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 79, 164) }
```

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

```
.background{ background-color: rgb(0, 79,  
164) }
```

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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