

Converting Colors

HunterLab(28.7166, 26.7802,
-40.6730)

Have a look what the booklet for
HunterLab(28.7166, 26.7802,
-40.6730) contains.

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Color

**HunterLab(28.6649, 26.7360,
-40.6808)**

Conversions

Conversions Part 1

Format	Color
Hex	643D95
RGB	100, 61, 149
RGB Percent	39%, 24%, 58%
CMY	0.6078, 0.7608, 0.4157
CMYK	0.33, 0.59, 0.00, 0.42
HSL	267°, 42%, 41%
HSV	267°, 59%, 58%
XYZ	12.3491, 8.2168, 29.3689
YIQ	82.6930, -5.0040, 35.6360

Conversions

Conversions Part 2

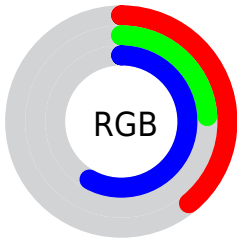
Format	Color
R _{YB}	100, 61, 149
Decimal	6569365
CIE Lab	34.43, 35.87, -42.27
CIE LCh	34, 55.441, 310.315
Yxy	8.2171, 0.2473, 0.1646
Android (android.graphics.Color)	4284759445 (0xFF643D95)
YUV	82.6930, 32.6894, 15.1782
Hunter-Lab	28.6649, 26.7360, -40.6808

Details

The HunterLab color $[28.6649, 26.7360, -40.6808]$ is a dark color, and the websafe version is hex 663399 . A complement of this color would be $[50.1468, -23.6128, 25.2667]$, and the grayscale version is $[29.1862, -1.5573, 1.5857]$.

A 20% lighter version of the original color is $[47.3091, 29.6516, -41.9232]$, and $[13.4370, 23.4269, -41.2117]$ is the 20% darker color. If you saturate the color by 10%, you get $[25.2826, 31.9361, -50.5423]$, and if you desaturate by 10%, it is $[32.4534, 21.4375, -31.5740]$.

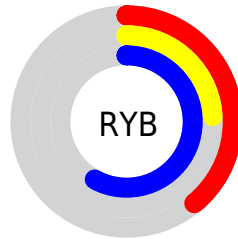
Distribution



Red (39%)

Green (24%)

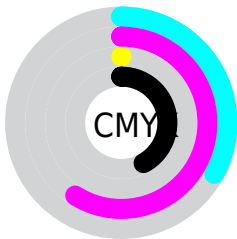
Blue (58%)



Red (39%)

Yellow (24%)

Blue (58%)

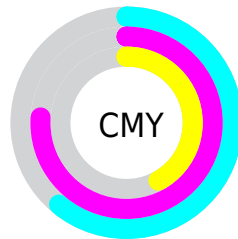


Cyan (33%)

Magenta (59%)

Yellow (0%)

Black (42%)



Cyan (61%)

Magenta (76%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.6649, 26.7360, -40.6808 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 28.6649, 26.7360, -40.6808 by changing the saturation by 10% instead.

28.6649, 26.7360,
-40.6808

28.6649, 26.7360,
-40.6808

133.2009, 35.4888,
-46.1113

20.5771, 25.1992,
-40.6654

47.3106, 29.4191,
-41.7145

13.4365, 23.5648,
-41.6651

57.7361, 30.5753,
-42.3904

7.0038, 24.6332,
-48.7273

68.8317, 31.6209,
-43.0819

0.0000, INF, -NF

0.0000, NaN, -NF

80.5590, 32.5655,
-43.7599

0.0000, NaN, NaN

92.8857, 33.4176,
-44.4088

0.0000, NaN, NaN

105.7840, 34.1847,

0.0000, NaN, NaN

-45.0198

0.0000, NaN, NaN

119.2295, 34.8733,
-45.5881

■ 28.6649, 26.7360,
-40.6808

■ 28.6649, 26.7360,
-40.6808

■ 25.2826, 31.9361,
-50.5423

■ 32.4534, 21.4375,
-31.5740

■ 22.4013, 36.6851,
-60.8112

■ 36.5680, 16.2102,
-23.2850

■ 20.1245, 40.3986,
-70.6634

■ 40.9493, 11.1163,
-15.7418

■ 18.4043, 42.8832,
-79.5094

■ 45.5521, 6.1655,
-8.8323

■ 18.2468, 43.1400,
-80.3927

■ 50.3424, 1.3455,
-2.4434

■ 55.2941, -3.3640,
3.5243

■ 60.3873, -7.9837,
9.1533

■ 65.6060, -12.5328,
14.5102

■ 70.9378, -17.0277,
19.6483

Harmonies

Analogous

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



28.6654, 5.4412, -59.6808



28.6649, 26.7360, -40.6808



28.6654, 42.5932, -13.1076

Triad

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



28.6654, 26.7359, -40.6797



28.6654, 12.1110, 19.0300



28.6654, -29.7231, -5.5296

Complementary

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



28.6649, 26.7360, -40.6808



50.1468, -23.6128, 25.2667

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.



28.6654, -28.8276, 11.1064



28.6649, 26.7360, -40.6808



28.6654, -7.8947, 19.3690

Square

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



28.6654, 26.7359, -40.6797



28.6654, 32.7180, 16.3139



28.6654, -21.8524, 17.5555



28.6654, -24.7444, -32.0894

Rectangle

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



28.6649, 26.7360, -40.6808



28.6654, 45.9771, 1.7545



28.6654, -21.8524, 17.5555



28.6654, -30.0584, 1.3648

Sweetspot

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



28.6654, 26.7359, -40.6797



61.3966, 7.7977, -11.2053



38.0816, -5.6169, -20.9020



28.1165, 4.4911, -6.3927



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.



28.6654, 26.7359, -40.6797



32.4480, 44.9870, -72.2629



33.7034, 38.7052, -28.5747



23.9817, 0.6730, -1.2060



16.7907, 39.6312, -73.4630



2.2699, 4.8720, -6.1667

Inverse Universe

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



32.9440, 33.7969, -5.6575



39.9741, 54.3701, -7.2311



47.9798, -32.2687, 23.5441



24.2202, 1.3020, 0.4889



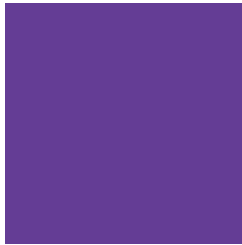
24.3083, 43.8138, -1.2318



2.7976, 5.2359, -1.6408

Previews

White Background



This preview shows how the HunterLab color 28.6649, 26.7360, -40.6808 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 28.6649, 26.7360, -40.6808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

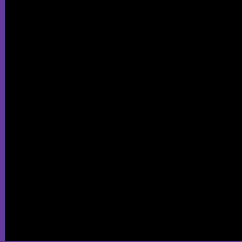
Any Text WCAG AA × Fail

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 28.6649, 26.7360, -40.6808 Background



This preview shows how black text looks on a background with the HunterLab color 28.6649, 26.7360, -40.6808.



This preview shows how white text looks on a background with the HunterLab color 28.6649, 26.7360, -40.6808.

-40.6808.

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

28.6649, 26.7360, -40.6808

Protanopia

28.7033, 10.0880, -57.6538

Deuteranopia

28.9322, 1.5523, -36.2163



Tritanopia

28.7647, 1.5781, 0.0376

Trichromacy



Original Color

28.6649, 26.7360, -40.6808

Protanomaly

27.4734, 12.9308, -54.6178

Deuteranomaly

27.9027, 8.8720, -40.4356

Tritanomaly

28.2715, 10.1131, -12.1555

Monochromacy



Original Color

28.6649, 26.7360, -40.6808

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

28.6662, 7.6798, -10.9712

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.6649, 26.7360, -40.6808 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(100, 61, 149)` looks like.

```
.text, #text, p{  
    color:rgb(100, 61, 149)  
}
```

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(100, 61, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 61, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 28.6649, 26.7360, -40.6808 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(100, 61, 149) }
```


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

```
.border{ border-color:rgb(100, 61, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 61, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 61, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 61, 149);  
box-shadow:4px 4px 4px 4px rgb(100, 61,  
149) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.6649, 26.7360, -40.6808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 61, 149) }
```

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

```
.background{ background-color: rgb(100, 61,  
149) }
```

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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