

Converting Colors

HunterLab(29.6484, 40.2415,
-58.0737)

Have a look what the booklet for
HunterLab(29.6484, 40.2415,
-58.0737) contains.

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Color

**HunterLab(29.6962, 40.2659,
-57.9197)**

Conversions

Conversions Part 1

Format	Color
Hex	7133AB
RGB	113, 51, 171
RGB Percent	44%, 20%, 67%
CMY	0.5569, 0.8000, 0.3294
CMYK	0.34, 0.70, 0.00, 0.33
HSL	271°, 54%, 44%
HSV	271°, 70%, 67%
XYZ	15.3446, 8.8186, 39.4215
YIQ	83.2180, -1.5680, 50.4640

Conversions

Conversions Part 2

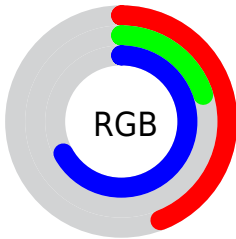
Format	Color
R_{YB}	113, 51, 171
Decimal	7418795
CIE _{Lab}	35.63, 49.70, -53.52
CIE _{LCh}	36, 73.040, 312.879
Yxy	8.8189, 0.2413, 0.1387
Android (android.graphics.Color)	4285608875 (0xFF7133AB)
YUV	83.2180, 43.2765, 26.1188
Hunter-Lab	29.6962, 40.2659, -57.9197

Details

The HunterLab color $29.6962, 40.2659, -57.9197$ is a dark color, and the websafe version is hex 663399 . A complement of this color would be $57.1105, -32.8476, 31.3645$, and the grayscale version is $29.3388, -1.5654, 1.5940$.

A 20% lighter version of the original color is $48.4601, 44.0368, -58.2823$, and $14.8578, 34.2477, -58.6403$ is the 20% darker color. If you saturate the color by 10%, you get $26.5822, 45.5770, -68.7573$, and if you desaturate by 10%, it is $33.4232, 34.1510, -47.1528$.

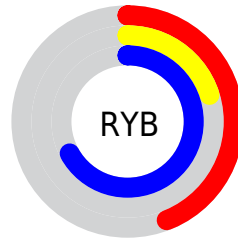
Distribution



Red (44%)

Green (20%)

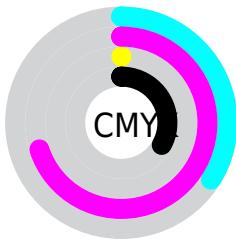
Blue (67%)



Red (44%)

Yellow (20%)

Blue (67%)

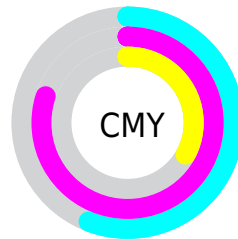


Cyan (34%)

Magenta (70%)

Yellow (0%)

Black (33%)



Cyan (56%)

Magenta (80%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.6962, 40.2659, -57.9197 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 29.6962, 40.2659, -57.9197 by changing the saturation by 10% instead.

■ 29.6962, 40.2659,
-57.9197

■ 29.6962, 40.2659,
-57.9197

■ 134.9153, 53.3717,
-63.3958

■ 21.5018, 38.3298,
-58.7864

■ 48.5273, 43.9076,
-58.2875

■ 14.2407, 36.4589,
-61.5396

■ 59.0357, 45.5649,
-58.8953

■ 7.8971, 36.3822,
-71.0236

■ 70.2091, 47.1110,
-59.6114

0.0000, INF, -NF

■ 82.0101, 48.5510,
-60.3763

0.0000, NaN, -NF

■ 94.4069, 49.8910,
-61.1549

0.0000, NaN, -NF

■ 107.3722, 51.1373,

0.0000, NaN, NaN

-61.9257

0.0000, NaN, NaN

120.8821, 52.2957,
-62.6754

■ 29.6962, 40.2659,
-57.9197

■ 29.6962, 40.2659,
-57.9197

■ 26.5822, 45.5770,
-68.7573

■ 33.4232, 34.1510,
-47.1528

■ 24.1818, 49.3753,
-78.7002

■ 37.6536, 27.7298,
-36.9797

■ 22.4327, 51.5234,
-87.1059

■ 42.2946, 21.2785,
-27.5759

■ 47.2719, 14.9239,
-18.9334

■ 52.5284, 8.7096,
-10.9675

■ 58.0204, 2.6390,
-3.5733

■ 63.7144, -3.3023,
3.3499

■ 69.5846, -9.1343,
9.8895

■ 75.6104, -14.8775,
16.1184

Harmonies

Analogous

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



29.6967, 10.2987, -90.9849



29.6962, 40.2659, -57.9197



29.6967, 62.2432, -15.9008

Triad

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



29.6967, 40.2660, -57.9184



29.6967, 14.4735, 20.7877



29.6967, -36.1221, -10.9417

Complementary

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



29.6962, 40.2659, -57.9197



57.1105, -32.8476, 31.3645

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.



29.6967, -35.6785, 12.4230



29.6962, 40.2659, -57.9197



29.6967, -11.8535, 20.7877

Square

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



29.6967, 40.2660, -57.9184



29.6967, 44.2065, 19.1494



29.6967, -28.3631, 19.6831



29.6967, -29.8951, -51.7538

Rectangle

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



29.6962, 40.2659, -57.9197



29.6967, 65.9684, 3.8901



29.6967, -28.3631, 19.6831



29.6967, -36.6640, -0.8524

Sweetspot

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



29.6967, 40.2660, -57.9184



69.4373, 12.6406, -15.9099



38.1859, -0.5185, -36.3008



31.8918, 7.0131, -8.8329



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



29.6967, 40.2660, -57.9184



33.7421, 64.0106, -99.3344



37.2697, 55.1838, -35.7826



28.2011, 1.0232, -1.4268



19.5578, 44.8262, -75.2133



3.7256, 8.0353, -10.4220

Inverse Universe

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



34.8279, 45.3416, -2.3748



42.6995, 69.2137, 0.3193



54.8515, -42.0643, 29.4219



28.4208, 1.5161, 0.7945



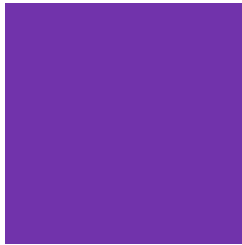
26.4652, 47.1258, 3.1221



4.5381, 8.3088, -1.2313

Previews

White Background



This preview shows how the HunterLab color 29.6962, 40.2659, -57.9197 looks on a white background.

Color Contrast Check

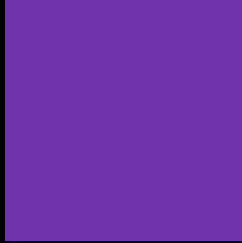
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.6962, 40.2659, -57.9197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

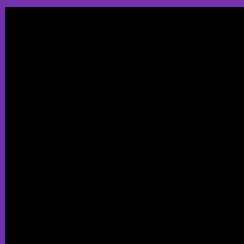
Any Text WCAG AA × Fail

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 29.6962, 40.2659, -57.9197 Background



This preview shows how black text looks on a background with the HunterLab color 29.6962, 40.2659, -57.9197.



This preview shows how white text looks on a background with the HunterLab color 29.6962, 40.2659, -57.9197.

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

29.6962, 40.2659, -57.9197

Protanopia

29.7715, 10.1878, -59.2044

Deuteranopia

29.7617, 0.8931, -39.1274



Tritanopia

29.9175, 4.1947, 1.0607

Trichromacy



Original Color

29.6962, 40.2659, -57.9197

Protanomaly

27.9827, 18.3347, -65.1329

Deuteranomaly

27.7581, 12.3113, -51.7733

Tritanomaly

29.0244, 16.4423, -16.2064

Monochromacy



Original Color

29.6962, 40.2659, -57.9197

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

28.5026, 12.5200, -15.9572

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.6962, 40.2659, -57.9197 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(113, 51, 171)` looks like.

```
.text, #text, p{  
    color:rgb(113, 51, 171)  
}
```

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(113, 51, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 51, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 29.6962, 40.2659, -57.9197 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(113, 51, 171) }
```


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

```
.border{ border-color:rgb(113, 51, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 51, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 51, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 51, 171);  
box-shadow:4px 4px 4px 4px rgb(113, 51,  
171) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.6962, 40.2659, -57.9197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 51, 171) }
```

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

```
.background{ background-color: rgb(113, 51,  
171) }
```

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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