

Converting Colors

HunterLab(29.8628, 40.6798,
-54.4380)

Have a look what the booklet for
HunterLab(29.8628, 40.6798,
-54.4380) contains.

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Color

**HunterLab(29.8165, 40.8805,
-54.5768)**

Conversions

Conversions Part 1

Format	Color
Hex	7532A8
RGB	117, 50, 168
RGB Percent	46%, 20%, 66%
CMY	0.5412, 0.8039, 0.3412
CMYK	0.30, 0.70, 0.00, 0.34
HSL	274°, 54%, 43%
HSV	274°, 70%, 66%
XYZ	15.5446, 8.8902, 37.9424
YIQ	83.4850, 2.0540, 50.9020

Conversions

Conversions Part 2

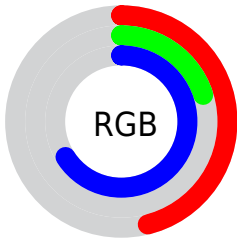
Format	Color
R_{YB}	117, 50, 168
Decimal	7680680
CIE Lab	35.77, 50.28, -51.48
CIE LCh	36, 71.956, 314.324
Yxy	8.8906, 0.2492, 0.1425
Android (android.graphics.Color)	4285870760 (0xFF7532A8)
YUV	83.4850, 41.6659, 29.3927
Hunter-Lab	29.8165, 40.8805, -54.5768

Details

The HunterLab color **29.8165, 40.8805, -54.5768** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **55.6797, -33.4985, 30.5097**, and the grayscale version is **29.4406, -1.5709, 1.5996**.

A 20% lighter version of the original color is **48.7533, 44.4362, -54.9428**, and **15.0397, 33.9860, -54.0791** is the 20% darker color. If you saturate the color by 10%, you get **26.8785, 46.0406, -64.3494**, and if you desaturate by 10%, it is **33.3506, 34.8376, -44.6990**.

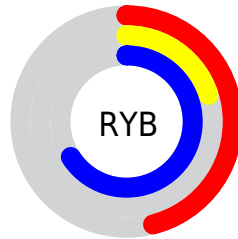
Distribution



Red (46%)

Green (20%)

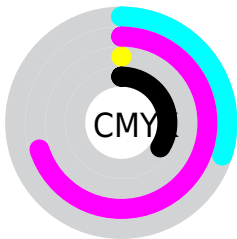
Blue (66%)



Red (46%)

Yellow (20%)

Blue (66%)

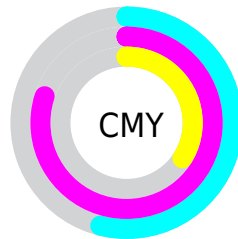


Cyan (30%)

Magenta (70%)

Yellow (0%)

Black (34%)



Cyan (54%)

Magenta (80%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.8165, 40.8805, -54.5768 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 29.8165, 40.8805, -54.5768 by changing the saturation by 10% instead.

■ 29.8165, 40.8805,
-54.5768

■ 29.8165, 40.8805,
-54.5768

■ 135.1145, 54.1459,
-60.1736

■ 21.6099, 38.9320,
-55.2113

■ 48.6690, 44.5547,
-55.1337

■ 14.3349, 37.0558,
-57.5021

■ 59.1869, 46.2300,
-55.7720

■ 7.9942, 36.8383,
-65.6049

■ 70.3693, 47.7945,
-56.4964

0.0000, INF, -NF

■ 82.1789, 49.2529,
-57.2550

0.0000, NaN, -NF

■ 94.5838, 50.6113,
-58.0172

0.0000, NaN, -NF

■ 107.5568, 51.8757,

0.0000, NaN, NaN

-58.7645

0.0000, NaN, NaN

121.0741, 53.0521,
-59.4856

■ 29.8165, 40.8805,
-54.5768

■ 29.8165, 40.8805,
-54.5768

■ 26.8785, 46.0406,
-64.3494

■ 33.3506, 34.8376,
-44.6990

■ 24.6225, 49.6552,
-73.1633

■ 37.3810, 28.4095,
-35.2272

■ 22.9806, 51.6570,
-80.5134

■ 41.8201, 21.8919,
-26.3689

■ 46.5961, 15.4329,
-18.1556

■ 51.6526, 9.0927,
-10.5362

■ 56.9463, 2.8856,
-3.4301

■ 62.4432, -3.1960,
3.2461

■ 68.1172, -9.1681,
9.5678

■ 73.9475, -15.0490,
15.5998

Harmonies

Analogous

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



29.8170, 11.5056, -87.8789



29.8165, 40.8805, -54.5768



29.8170, 61.6621, -13.8931

Triad

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



29.8170, 40.8804, -54.5755



29.8170, 12.8148, 20.8719



29.8170, -35.7356, -12.3432

Complementary

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



29.8165, 40.8805, -54.5768



55.6797, -33.4985, 30.5097

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.



29.8170, -35.5939, 11.6601



29.8165, 40.8805, -54.5768



29.8170, -12.7591, 20.8719

Square

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



29.8170, 40.8804, -54.5755



29.8170, 42.1116, 19.2870



29.8170, -28.6592, 19.4539



29.8170, -29.1458, -52.6611

Rectangle

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



29.8165, 40.8805, -54.5768



29.8170, 64.5730, 4.9238



29.8170, -28.6592, 19.4539



29.8170, -36.3804, -2.1043

Sweetspot

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



29.8170, 40.8804, -54.5755



68.7813, 13.2203, -15.3344



35.8312, 2.3069, -39.1805



31.2640, 7.2151, -8.3958



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



29.8170, 40.8804, -54.5755



34.4756, 64.9214, -93.2312



36.2615, 52.9419, -31.2079



27.3912, 1.0976, -1.3245



20.0469, 44.9804, -69.5989



3.5656, 7.5630, -8.9885

Inverse Universe

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



33.9791, 43.7002, 0.2199



41.8866, 67.2635, 4.1558



53.8402, -40.9141, 28.0710



27.5575, 1.3956, 0.9371



25.7989, 45.6127, 5.5756



4.1506, 7.5735, -0.9264

Previews

White Background



This preview shows how the HunterLab color 29.8165, 40.8805, -54.5768 looks on a white background.

Color Contrast Check

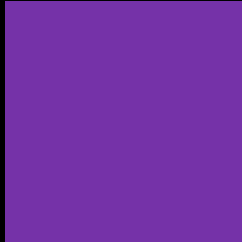
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8165, 40.8805, -54.5768 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 29.8165, 40.8805, -54.5768 Background



This preview shows how black text looks on a background with the HunterLab color 29.8165, 40.8805, -54.5768.



This preview shows how white text looks on a background with the HunterLab color 29.8165, 40.8805, -54.5768.

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

29.8165, 40.8805, -54.5768

Protanopia

30.0861, 10.0023, -59.1971

Deuteranopia

29.8160, 1.1858, -39.8272



Tritanopia

29.8557, 6.3688, 1.8519

Trichromacy



Original Color

29.8165, 40.8805, -54.5768

Protanomaly

27.9896, 18.2172, -64.0475

Deuteranomaly

27.7723, 12.2301, -50.7712

Tritanomaly

29.1511, 17.7196, -14.7160

Monochromacy



Original Color

29.8165, 40.8805, -54.5768

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

28.5557, 12.5983, -15.2373

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.8165, 40.8805, -54.5768 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(117, 50, 168)` looks like.

```
.text, #text, p{  
    color:rgb(117, 50, 168)  
}
```

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(117, 50, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 50, 168) }
```

Border

The CSS property to change the border of an element to HunterLab 29.8165, 40.8805, -54.5768 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(117, 50, 168) }
```


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

```
.border{ border-color:rgb(117, 50, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 50, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 50, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 50, 168); box-shadow:4px 4px 4px 4px rgb(117, 50, 168) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.8165, 40.8805, -54.5768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 50, 168) }
```

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

```
.background{ background-color: rgb(117, 50,  
168) }
```

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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