

# Converting Colors

HunterLab(24.0295, 55.5028,  
-110.1540)

Have a look what the booklet for  
HunterLab(24.0295, 55.5028,  
-110.1540) contains.

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# Color

**HunterLab(24.0295, 55.5028,  
-110.1540)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5008C2
RGB	80, 8, 194
RGB Percent	31%, 3%, 76%
CMY	0.6863, 0.9687, 0.2392
CMYK	0.59, 0.96, 0.00, 0.24
HSL	263°, 92%, 40%
HSV	263°, 96%, 76%
XYZ	13.1327, 5.7742, 51.4612
YIQ	50.7320, -16.7940, 73.1100

# Conversions

## Conversions Part 2

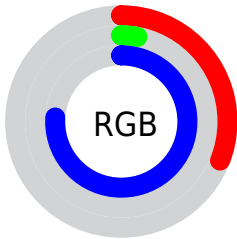
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	80, 8, 194
Decimal	5245122
CIE <sub>Lab</sub>	28.84, 65.23, -78.49
CIE <sub>LCh</sub>	29, 102.057, 309.732
Yxy	5.7743, 0.1866, 0.0821
Android (android.graphics.Color)	4283435202 (0xFF5008C2)
YUV	50.7320, 70.6311, 25.6680
Hunter-Lab	24.0295, 55.5028, -110.1540

# Details

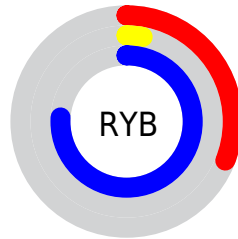
The HunterLab color **24.0295, 55.5028, -110.1540** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **65.3741, -39.7007, 39.3801**, and the grayscale version is **17.8785, -0.9540, 0.9714**.

A 20% lighter version of the original color is **41.8362, 59.9732, -103.6881**, and **13.6531, 37.0341, -97.0113** is the 20% darker color. If you saturate the color by 10%, you get **23.2277, 56.5466, -114.9773**, and if you desaturate by 10%, it is **26.3949, 52.1500, -97.4700**.

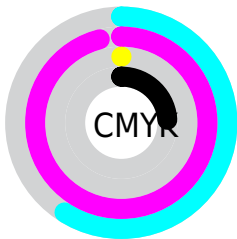
# Distribution



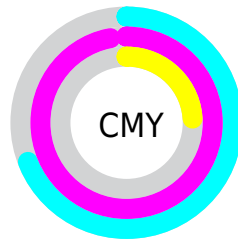
- Red (31%)
- Green (3%)
- Blue (76%)



- Red (31%)
- Yellow (3%)
- Blue (76%)



- Cyan (59%)
- Magenta (96%)
- Yellow (0%)
- Black (24%)



- Cyan (69%)
- Magenta (97%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.0295, 55.5028, -110.1540 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 24.0295, 55.5028, -110.1540 by changing the saturation by 10% instead.



■ 24.0295, 55.5028, -110.1540	■ 24.0295, 55.5028, -110.1540
125.3199, 73.2376, -105.8967	■ 16.4569, 53.6111, -118.8873
■ 41.7863, 59.9045, -103.7772	■ 9.9066, 52.7251, -138.4694
■ 51.8174, 62.0835, -102.8875	0.0000, INF, -NF
■ 62.5433, 64.1822, -102.7061	0.0000, NaN, -NF
■ 73.9214, 66.1865, -102.9606	0.0000, NaN, -NF
■ 85.9165, 68.0925, -103.4905	0.0000, NaN, NaN
■ 98.4982, 69.9010,	0.0000, NaN, NaN

-104.1959

111.6403, 71.6147,  
-105.0124

24.0295, 55.5028,  
-110.1540

24.0295, 55.5028,  
-110.1540

23.2277, 56.5466,  
-114.9773

26.3949, 52.1500,  
-97.4700

29.7349, 46.5925,  
-82.6315

33.9184, 39.8758,  
-67.6188

38.7827, 32.7854,  
-53.5556

44.1865, 25.7320,  
-40.8068

■ 50.0208, 18.8783,  
-29.3440

■ 56.2045, 12.2615,  
-18.9934

■ 62.6781, 5.8661,  
-9.5555

■ 69.3973, -0.3416,  
-0.8493

# Harmonies

## Analogous

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



24.0297, 10.6381, -172.2251



24.0295, 55.5028, -110.1540



24.0297, 94.2775, -31.1940

# Triad

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



24.0297, 55.5049, -110.1533



24.0297, 25.4334, 16.8208



24.0297, -37.7537, -11.5682

# Complementary

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



24.0295, 55.5028, -110.1540



65.3741, -39.7007, 39.3801

# 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.



24.0297, -36.8741, 14.3418



24.0295, 55.5028, -110.1540



24.0297, -11.2558, 16.8208

# Square

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



24.0297, 55.5049, -110.1533



24.0297, 71.2913, 16.8208



24.0297, -30.2003, 16.8208



24.0297, -33.5129, -80.4293



# Rectangle

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



24.0295, 55.5028, -110.1540



24.0297, 103.4157, 1.0188



24.0297, -30.2003, 16.8208



24.0297, -38.0198, 1.5937

# Sweetspot

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



24.0297, 55.5049, -110.1533



72.6242, 19.6558, -30.3971



42.4705, -3.3653, -45.1407



32.2967, 11.0164, -17.0808

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



24.0297, 55.5049, -110.1533



31.0466, 75.8974, -156.1310



35.8791, 71.0571, -60.9893



31.5180, 0.8482, -1.7923



18.9509, 45.9668, -92.5034



4.4154, 10.0674, -16.5720



# Inverse Universe

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



36.1215, 64.5139, -6.8274



48.1004, 87.2733, -6.9016



62.3479, -52.2442, 37.2856



31.9050, 1.9414, 0.3848



29.0365, 52.7924, -5.0085

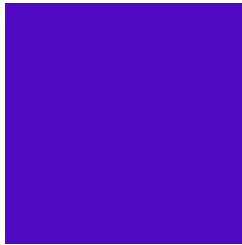


6.1437, 11.3618, -2.5455



# Previews

## White Background



This preview shows how the HunterLab color 24.0295, 55.5028, -110.1540 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

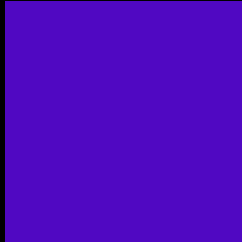
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the HunterLab color 24.0295, 55.5028, -110.1540 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

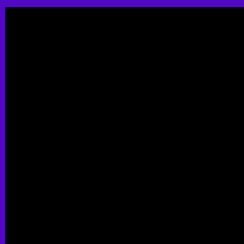
Any Text WCAG AA × Fail

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 24.0295, 55.5028, -110.1540 Background



This preview shows how black text looks on a background with the HunterLab color 24.0295, 55.5028, -110.1540.



This preview shows how white text looks on a background with the HunterLab color 24.0295, 55.5028, -110.1540.



# 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

24.0295, 55.5028, -110.1540

### Protanopia

24.3668, 7.2808, -46.1736

### Deuteranopia

24.4761, -1.2091, -27.9828



## Tritanopia

24.6361, -9.2588, -4.1927

# Trichromacy



## Original Color

24.0295, 55.5028, -110.1540

## Protanomaly

21.8020, 25.9439, -76.5551

## Deuteranomaly

21.3645, 20.0231, -63.0897

## Tritanomaly

21.0966, 14.0639, -39.4179

# Monochromacy



## Original Color

24.0295, 55.5028, -110.1540

## Achromatopsia

18.1947, -0.9708, 0.9886

## Achromatomaly

17.9038, 18.8751, -31.1314

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 24.0295, 55.5028, -110.1540 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(80, 8, 194)` looks like.

```
.text, #text, p{  
    color:rgb(80, 8, 194)  
}
```

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(80, 8, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 8, 194) }
```

## Border

The CSS property to change the border of an element to HunterLab 24.0295, 55.5028, -110.1540 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(80, 8, 194) }
```



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

```
.border{ border-color:rgb(80, 8, 194) }
```

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

Here you see how a box with a 4 pixel rgb(80, 8, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 8, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 8, 194);  
box-shadow:4px 4px 4px 4px rgb(80, 8, 194)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 24.0295, 55.5028, -110.1540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 8, 194) }
```

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

```
.background{ background-color: rgb(80, 8,  
194) }
```

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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