

Converting Colors

HunterLab(22.5697, 67.4970,
-121.4364)

Have a look what the booklet for
HunterLab(22.5697, 67.4970,
-121.4364) contains.

HunterLab(24.7171, 58.4529, -109.0192)	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>	30

Color

**HunterLab(24.7171, 58.4529,
-109.0192)**

Conversions

Conversions Part 1

Format	Color
Hex	5900C4
RGB	89, 0, 196
RGB Percent	35%, 0%, 77%
CMY	0.6510, 1.0000, 0.2314
CMYK	0.55, 1.00, 0.00, 0.23
HSL	267°, 100%, 38%
HSV	267°, 100%, 77%
XYZ	14.0836, 6.1094, 52.6614
YIQ	48.9550, -9.8720, 79.8240

Conversions

Conversions Part 2

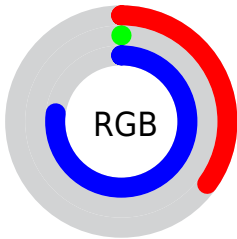
Format	Color
RYB	89, 0, 196
Decimal	5832900
CIELab	29.69, 67.66, -78.22
CIELCh	30, 103.421, 310.859
Yxy	6.1096, 0.1933, 0.0839
Android (android.graphics.Color)	4284022980 (0xFF5900C4)
YUV	48.9550, 72.4932, 35.1195
Hunter-Lab	24.7171, 58.4529, -109.0192

Details

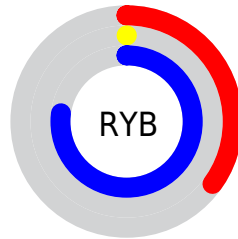
The HunterLab color **24.7171, 58.4529, -109.0192** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **65.2728, -43.6652, 39.4564**, and the grayscale version is **17.2791, -0.9220, 0.9388**.

A 20% lighter version of the original color is **42.7101, 62.7789, -102.7486**, and **13.8675, 37.6157, -98.5347** is the 20% darker color. If you saturate the color by 10%, you get **24.7177, 58.4535, -109.0165**, and if you desaturate by 10%, it is **26.7663, 56.0583, -98.2080**.

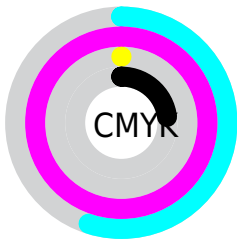
Distribution



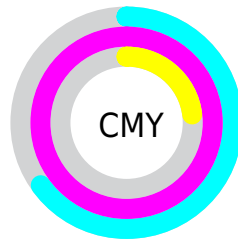
- Red (35%)
- Green (0%)
- Blue (77%)



- Red (35%)
- Yellow (0%)
- Blue (77%)



- Cyan (55%)
- Magenta (100%)
- Yellow (0%)
- Black (23%)



- Cyan (65%)
- Magenta (100%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.7171, 58.4529, -109.0192 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 24.7171, 58.4529, -109.0192 by changing the saturation by 10% instead.

■ 24.7171, 58.4529,
-109.0192

■ 24.7171, 58.4529,
-109.0192

■ 126.5092, 76.6804,
-105.4764

■ 17.0642, 56.5552,
-117.1229

■ 42.6124, 62.9224,
-103.1075

■ 10.4206, 55.6917,
-135.0873

■ 52.7046, 65.1526,
-102.3150

0.0000, INF, -NF

0.0000, NaN, -NF

■ 63.4875, 67.3083,
-102.1937

0.0000, NaN, -NF

■ 74.9195, 69.3732,
-102.4864

0.0000, NaN, -NF

■ 86.9656, 71.3420,
-103.0407

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.5960, 73.2144,

-103.7615

112.7848, 74.9927,
-104.5872

24.7171, 58.4529,
-109.0192

24.7171, 58.4529,
-109.0192

24.7177, 58.4535,
-109.0165

26.7663, 56.0583,
-98.2080

29.6491, 51.5250,
-85.2630

33.4146, 45.2506,
-71.2838

37.9223, 38.1391,
-57.6159

43.0305, 30.7802,
-44.9041

■ 48.6214, 23.4718,
-33.3127

■ 54.6039, 16.3328,
-22.7740

■ 60.9096, 9.3910,
-13.1394

■ 67.4871, 2.6341,
-4.2500

Harmonies

Analogous

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



24.7177, 12.3990, -174.1777



24.7171, 58.4529, -109.0192



24.7177, 97.1862, -29.4081

Triad

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



24.7177, 58.4535, -109.0165



24.7177, 24.2886, 17.3024



24.7177, -38.6029, -13.6653

Complementary

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



24.7171, 58.4529, -109.0192



65.2728, -43.6652, 39.4564

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.



24.7177, -37.9214, 14.3551



24.7171, 58.4529, -109.0192



24.7177, -12.5764, 17.3024

Square

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



24.7177, 58.4535, -109.0165



24.7177, 71.1262, 17.3024



24.7177, -31.3939, 17.3024



24.7177, -34.0703, -85.1985

Rectangle

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



24.7171, 58.4529, -109.0192



24.7177, 105.5050, 2.2692



24.7177, -31.3939, 17.3024



24.7177, -38.9274, 0.3846

Sweetspot

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



24.7177, 58.4535, -109.0165



73.1041, 22.4294, -31.2912



38.2995, 4.3083, -57.1715



32.2034, 12.2682, -17.2241

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



24.7177, 58.4535, -109.0165



33.0441, 78.4380, -148.0169



38.0128, 75.5824, -56.7103



31.5705, 1.0263, -1.7216



19.9386, 46.9889, -86.6762



4.6115, 10.2966, -15.6194

Inverse Universe

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



35.7732, 64.2297, 0.1159



48.0937, 86.2500, 0.9367



62.8833, -53.6640, 37.8089



31.8870, 1.8449, 0.6407



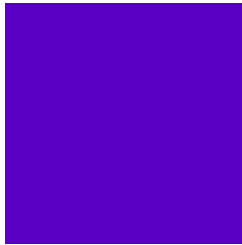
28.7060, 51.5968, -0.3419



6.0811, 11.1375, -1.6777

Previews

White Background



This preview shows how the HunterLab color 24.7171, 58.4529, -109.0192 looks on a white background.

Color Contrast Check

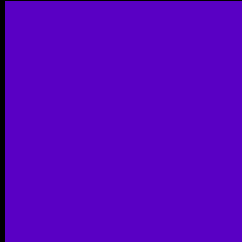
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7171, 58.4529, -109.0192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

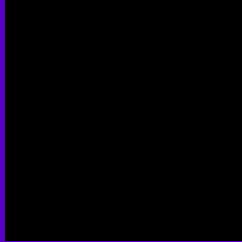
Any Text WCAG AA × Fail

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 24.7171, 58.4529, -109.0192 Background



This preview shows how black text looks on a background with the HunterLab color 24.7171, 58.4529, -109.0192.



This preview shows how white text looks on a background with the HunterLab color 24.7171, 58.4529, -109.0192.

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

24.7171, 58.4529, -109.0192

Deuteranopia

25.2552, -0.7260, -29.9996

Tritanopia

25.4595, -6.1846, -3.0101

Trichromacy



Original Color

24.7171, 58.4529, -109.0192

Deuteranomaly

21.3880, 22.6448, -67.5867

Tritanomaly

21.6051, 18.4722, -37.7882

Monochromacy



Original Color

24.7171, 58.4529, -109.0192

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.4048, 20.8473, -31.7316

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.7171, 58.4529, -109.0192 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(89, 0, 196)` looks like.

```
.text, #text, p{  
    color:rgb(89, 0, 196)  
}
```

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(89, 0, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 0, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 24.7171, 58.4529, -109.0192 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(89, 0, 196) }
```

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

```
.border{ border-color:rgb(89, 0, 196) }
```

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

Here you see how a box with a 4 pixel rgb(89, 0, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 0, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 0, 196);  
box-shadow:4px 4px 4px 4px rgb(89, 0, 196)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 24.7171, 58.4529, -109.0192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 0, 196) }
```

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

```
.background{ background-color: rgb(89, 0,  
196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor