

Converting Colors

Hex(571499)

Have a look what the booklet for
Hex(571499) contains.

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Color

Hex(571499)

Conversions

Conversions Part 1

Format	Color
Hex	571499
RGB	87, 20, 153
RGB Percent	34%, 8%, 60%
CMY	0.6588, 0.9216, 0.4000
CMYK	0.43, 0.87, 0.00, 0.40
HSL	270°, 77%, 34%
HSV	270°, 87%, 60%
XYZ	9.9304, 4.8265, 30.5452
YIQ	55.1950, -2.7610, 55.5670

Conversions

Conversions Part 2

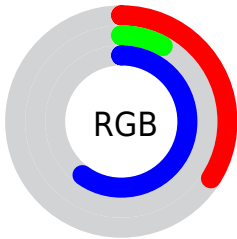
Format	Color
R_{YB}	87, 20, 153
Decimal	5706905
CIE _{Lab}	26.23, 53.45, -58.11
CIE _{LCh}	26, 78.951, 312.609
Yxy	4.8265, 0.2192, 0.1065
Android (android.graphics.Color)	4283896985 (0xFF571499)
YUV	55.1950, 48.2179, 27.8930
Hunter-Lab	21.9692, 42.2386, -67.0563

Details

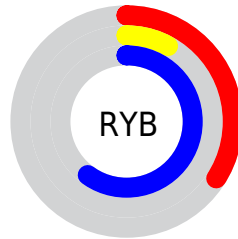
The Hex color **571499** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **569914**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **8F4BD0**, and **1A0065** is the 20% darker color. If you saturate the color by 10%, you get **4F0599**, and if you desaturate by 10%, it is **5F2399**.

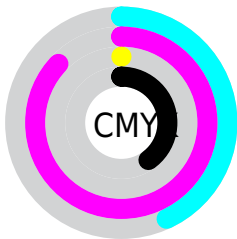
Distribution



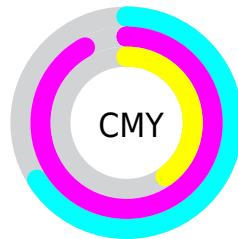
- Red (34%)
- Green (8%)
- Blue (60%)



- Red (34%)
- Yellow (8%)
- Blue (60%)



- Cyan (43%)
- Magenta (87%)
- Yellow (0%)
- Black (40%)



- Cyan (66%)
- Magenta (92%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 571499 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 Hex color 571499 by changing the saturation by 10% instead.

571499

571499

FFFFFF

3A007E

8F4BD0

1A0065

AC65ED

00004C

C97FFF

000434

E69AFF

00021E

FFB6FF

000000

FFD2FF

FFEEFF

571499

571499

■ 4F0599

■ 5F2399

■ 4D0099

■ 663399

■ 6E4299

■ 755199

■ 7D6199

■ 857099

■ 8C7F99

■ 948E99

■ 9B9E99

Harmonies

Analogous

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



0040B8



571499



910064

Triad

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



571499



692D00



005357

Complementary

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



571499



569914

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.



005116



571499



354400

Square

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



571499



8D0000



004D00



005490

Rectangle

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



571499



9E003C



004D00



005242

Sweetspot

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



571499



AD93C7



145699



544563



E3E3E3



636363

Same Dimension

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



571499



6400C7



991499



49454D



47008C



06000D

Inverse Universe

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



991456



C70063



149914



4D4549



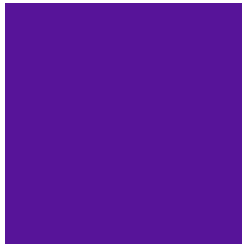
8C0046



0D0006

Previews

White Background



This preview shows how the Hex color 571499 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

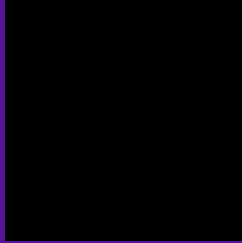
Any Text WCAG AA × Fail

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](#).

Hex 571499 Background



This preview shows how black text looks on a background with the Hex color 571499.



This preview shows how white text looks on a background with the Hex color 571499.

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
571499

Protanopia
003D81

Deuteranopia
00416F



Tritanopia
433E43

Trichromacy



Original Color
571499



Protanomaly
202E8A



Deuteranomaly
20317E



Tritanomaly
4A2F62

Monochromacy



Original Color
571499



Achromatopsia
373737



Achromatomaly
432A5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 571499 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 #571499 looks like.

```
.text, #text, p{  
    color:#571499  
}
```

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 #571499 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #571499
}
```

Border

The CSS property to change the border of an element to Hex 571499 is called "border". The border property can be set on classes, ids or directly on the HTML element.

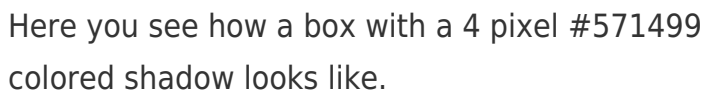
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#571499 }
```

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

```
.border{ border-color:#571499 }
```

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



Here you see how a box with a 4 pixel #571499 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #571499; -webkit-box-shadow:4px 4px  
4px 4px #571499; box-shadow:4px 4px 4px  
4px #571499 }
```

Background

The CSS property to change the background color of an element to Hex 571499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#571499 }
```

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

```
.background{ background-color:#571499 }
```

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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