

Converting Colors

Hex(571EA4)

Have a look what the booklet for
Hex(571EA4) contains.

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Color

Hex(571EA4)

Conversions

Conversions Part 1

Format	Color
Hex	571EA4
RGB	87, 30, 164
RGB Percent	34%, 12%, 64%
CMY	0.6588, 0.8824, 0.3569
CMYK	0.47, 0.82, 0.00, 0.36
HSL	266°, 69%, 38%
HSV	266°, 82%, 64%
XYZ	11.0956, 5.6351, 35.6248
YIQ	62.3190, -9.0420, 53.7580

Conversions

Conversions Part 2

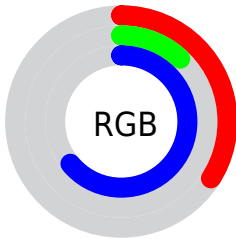
Format	Color
R_{YB}	87, 30, 164
Decimal	5709476
CIE _{Lab}	28.47, 52.67, -61.14
CIE _{LCh}	28, 80.699, 310.747
Yxy	5.6351, 0.2119, 0.1076
Android (android.graphics.Color)	4283899556 (0xFF571EA4)
YUV	62.3190, 50.1287, 21.6452
Hunter-Lab	23.7384, 41.8907, -72.3612

Details

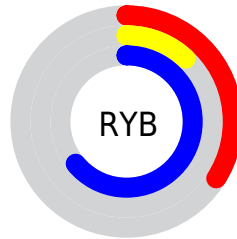
The Hex color **571EA4** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **6BA41E**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **9052DC**, and **16006F** is the 20% darker color. If you saturate the color by 10%, you get **4E0EA4**, and if you desaturate by 10%, it is **602EA4**.

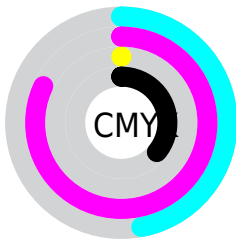
Distribution



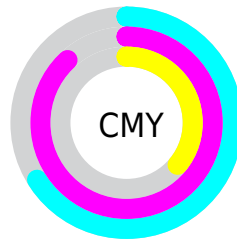
- Red (34%)
- Green (12%)
- Blue (64%)



- Red (34%)
- Yellow (12%)
- Blue (64%)



- Cyan (47%)
- Magenta (82%)
- Yellow (0%)
- Black (36%)



- Cyan (66%)
- Magenta (88%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 571EA4 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 571EA4 by changing the saturation by 10% instead.

571EA4

571EA4

FFFFFF

390089

9052DC

16006F

AD6CF9

000056

CA87FF

00043D

E8A2FF

000326

FFBEFF

000110

FFDAFF

000000

FFF7FF

571EA4

571EA4

■ 4E0EA4

■ 602EA4

■ 4600A4

■ 6A3FA4

■ 734FA4

■ 7D60A4

■ 8670A4

■ 9080A4

■ 9991A4

■ A2A1A4

■ ACB2A4

Harmonies

Analogous

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



0046C2



571EA4



98006E

Triad

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



571EA4



723000



005959

Complementary

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



571EA4



6BA1E

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.



005714



571EA4



3F4800

Square

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



571EA4



970000



005300



005A95

Rectangle

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



571EA4



A60045



005300



005843

Sweetspot

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



571EA4



B7A1D6



1E6CA4



594B6B



EBEBEB



6B6B6B

Same Dimension

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



571EA4



5E04D6



991EA4



4D4952



3E0091



080012

Inverse Universe

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



A41E6B



D6047D



29A41E



52494E



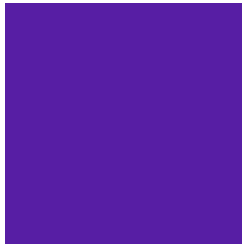
910054



12000A

Previews

White Background



This preview shows how the Hex color 571EA4 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

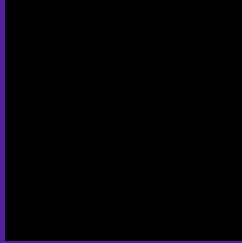
Any Text WCAG AA × Fail

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 571EA4 Background



This preview shows how black text looks on a background with the Hex color 571EA4.

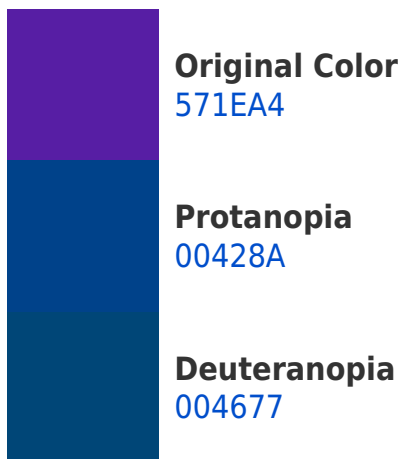


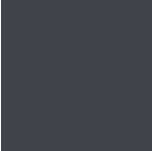
This preview shows how white text looks on a background with the Hex color 571EA4.

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





Tritanopia
40444A

Trichromacy



Original Color

571EA4



Protanomaly

203593



Deuteranomaly

203787



Tritanomaly

48366B

Monochromacy



Original Color

571EA4



Achromatopsia

3E3E3E



Achromatomaly

473263

CSS Examples

Text

The CSS property to change the color of the text to Hex 571EA4 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 #571EA4 looks like.

```
.text, #text, p{  
    color:#571EA4  
}
```

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 #571EA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #571EA4
}
```

Border

The CSS property to change the border of an element to Hex 571EA4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

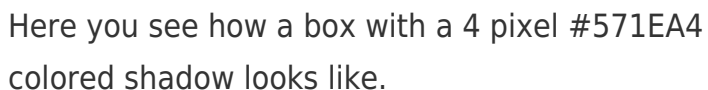
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#571EA4 }
```

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

```
.border{ border-color:#571EA4 }
```

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



Here you see how a box with a 4 pixel #571EA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #571EA4; -webkit-box-shadow:4px 4px  
4px 4px #571EA4; box-shadow:4px 4px 4px  
4px #571EA4 }
```

Background

The CSS property to change the background color of an element to Hex 571EA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#571EA4 }
```

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

```
.background{ background-color:#571EA4 }
```

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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