

Converting Colors

Hex(574CA6)

Have a look what the booklet for
Hex(574CA6) contains.

Hex(574CA6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(574CA6)

Conversions

Conversions Part 1

Format	Color
Hex	574CA6
RGB	87, 76, 166
RGB Percent	34%, 30%, 65%
CMY	0.6588, 0.7020, 0.3490
CMYK	0.48, 0.54, 0.00, 0.35
HSL	247°, 37%, 47%
HSV	247°, 54%, 65%
XYZ	13.3979, 9.9483, 37.2905
YIQ	89.5490, -22.3340, 30.3220

Conversions

Conversions Part 2

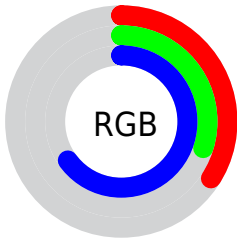
Format	Color
R_{YB}	87, 76, 166
Decimal	5721254
CIE _{Lab}	37.75, 28.54, -47.26
CIE _{LCh}	38, 55.206, 301.127
Yxy	9.9483, 0.2210, 0.1641
Android (android.graphics.Color)	4283911334 (0xFF574CA6)
YUV	89.5490, 37.6903, -2.2355
Hunter-Lab	31.5409, 20.6261, -48.0192

Details

The Hex color **574CA6** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **9BA64C**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8E7DDE**, and **1D1F71** is the 20% darker color. If you saturate the color by 10%, you get **483BA6**, and if you desaturate by 10%, it is **665DA6**.

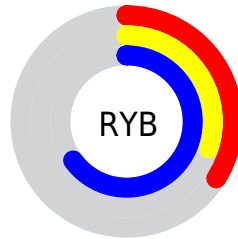
Distribution



Red (34%)

Green (30%)

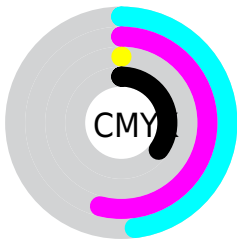
Blue (65%)



Red (34%)

Yellow (30%)

Blue (65%)

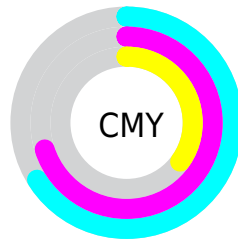


Cyan (48%)

Magenta (54%)

Yellow (0%)

Black (35%)



Cyan (66%)

Magenta (70%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 574CA6 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 574CA6 by changing the saturation by 10% instead.

■ 574CA6

■ 574CA6

FFFFFF

■ 3B358B

■ 8E7DDE

■ 1D1F71

■ AA97FB

■ 000B58

■ C6B2FF

■ 000040

■ E3CEFF

■ 000329

■ FFEAFF

■ 000113

■ 000000

■ 574CA6

■ 574CA6

■ 483BA6

■ 665DA6

■ 3A2BA6

■ 746DA6

■ 2B1AA6

■ 837EA6

■ 1D0AA6

■ 918EA6

■ 1400A6

■ A09FA6

■ AEBOA6

■ BDC0A6

■ CCD1A6

■ DAE1A6

Harmonies

Analogous

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



005EB3



574CA6



8F3485

Triad

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



574CA6



8D4500



006C59

Complementary

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



574CA6



9BA64C

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.



006A2B



574CA6



6B5800

Square

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



574CA6



A32F2E



3D6300



006C86

Rectangle

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



574CA6



A12668



3D6300



006C4A

Sweetspot

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



574CA6



BAB6D9



4C9BA6



5B596E



EDEDED



6E6E6E

Same Dimension

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



574CA6



5D4CD9



844CA6



4D4C54



120094



020014

Inverse Universe

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



A64C9B



D94CC8



6EA64C



544C53



940082



140012

Previews

White Background



This preview shows how the Hex color 574CA6 looks on a white background.

Color Contrast Check

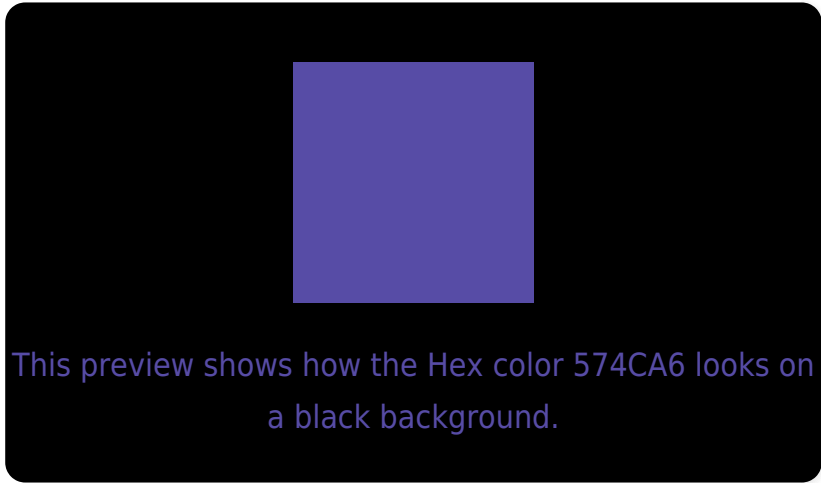
Large Text (above 18pt) WCAG AA ✓ Pass

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

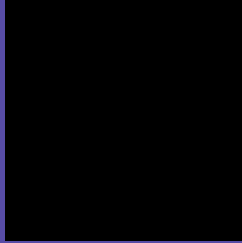
Any Text WCAG AA × Fail

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 574CA6 Background



This preview shows how black text looks on a background with the Hex color 574CA6.

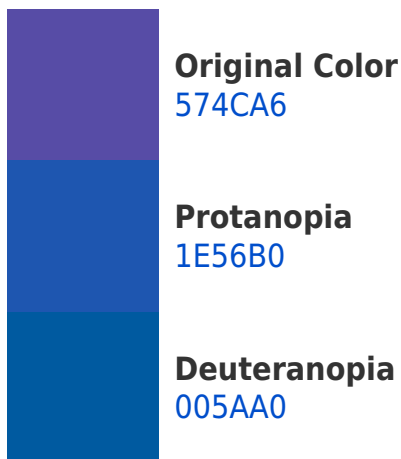



This preview shows how white text looks on a background with the Hex color 574CA6.

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](#).

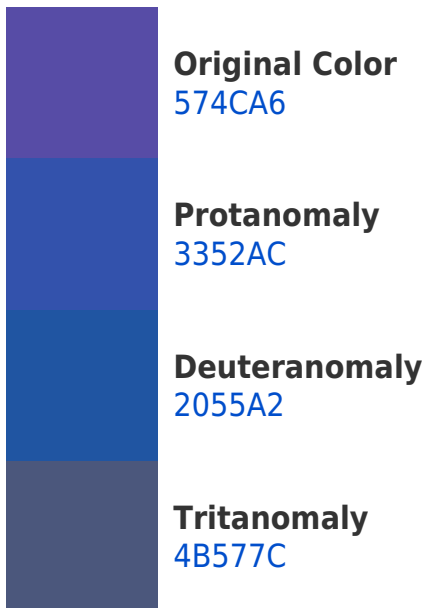
Dichromacy



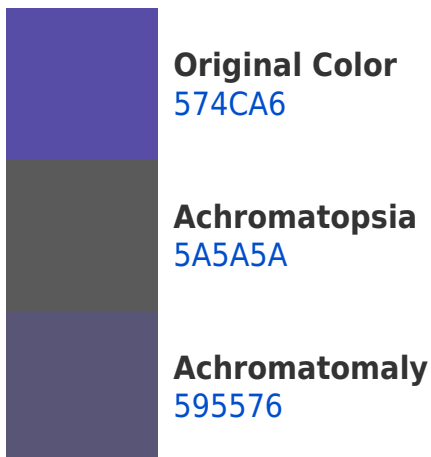


Tritanopia
445D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 574CA6 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 #574CA6 looks like.

```
.text, #text, p{  
    color:#574CA6  
}
```

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 #574CA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #574CA6
}
```

Border

The CSS property to change the border of an element to Hex 574CA6 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
#574CA6 }
```

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

```
.border{ border-color:#574CA6 }
```

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

Here you see how a box with a 4 pixel #574CA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #574CA6; -webkit-box-shadow:4px 4px  
4px 4px #574CA6; box-shadow:4px 4px 4px  
4px #574CA6 }
```

Background

The CSS property to change the background color of an element to Hex 574CA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#574CA6 }
```

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

```
.background{ background-color:#574CA6 }
```

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