

# Converting Colors

Hex(605CA8)

Have a look what the booklet for  
Hex(605CA8) contains.

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# Color

**Hex(605CA8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	605CA8
RGB	96, 92, 168
RGB Percent	38%, 36%, 66%
CMY	0.6235, 0.6392, 0.3412
CMYK	0.43, 0.45, 0.00, 0.34
HSL	243°, 30%, 51%
HSV	243°, 45%, 66%
XYZ	15.7189, 12.9682, 38.7204
YIQ	101.8600, -22.0120, 24.4840

# Conversions

## Conversions Part 2

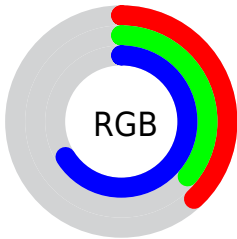
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 92, 168
Decimal	6315176
CIE <sub>Lab</sub>	42.72, 21.37, -40.46
CIE <sub>LCh</sub>	43, 45.758, 297.838
Yxy	12.9682, 0.2332, 0.1924
Android (android.graphics.Color)	4284505256 (0xFF605CA8)
YUV	101.8600, 32.6070, -5.1392
Hunter-Lab	36.0114, 14.8947, -38.5421

# Details

The Hex color **605CA8** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A4A85C**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **968EE0**, and **2A2E73** is the 20% darker color. If you saturate the color by 10%, you get **504BA8**, and if you desaturate by 10%, it is **706DA8**.

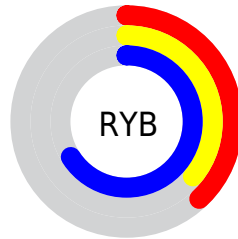
# Distribution



Red (38%)

Green (36%)

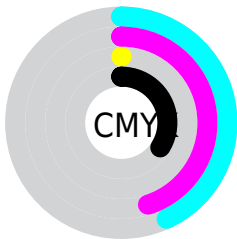
Blue (66%)



Red (38%)

Yellow (36%)

Blue (66%)

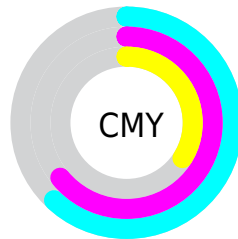


Cyan (43%)

Magenta (45%)

Yellow (0%)

Black (34%)



Cyan (62%)

Magenta (64%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 605CA8 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 605CA8 by changing the saturation by 10% instead.



■ 605CA8

■ 605CA8

FFFFFF

■ 46448D

■ 968EE0

■ 2A2E73

■ B2A9FC

■ 091A5A

■ CEC4FF

■ 000042

■ EBE0FF

■ 00032B

■ FFFDFD

■ 000116

■ 000000

■ 605CA8

■ 605CA8

■ 504BA8

■ 706DA8

403AA8

807EA8

302AA8

908EA8

2019A8

A09FA8

1008A8

B0B0A8

0900A8

BFC1A8

CFD2A8

DFE2A8

EFF3A8

# Harmonies

## Analogous

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



006AB0



605CA8



904C8E

# Triad

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



605CA8



975324



007761

# Complementary

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



605CA8



A4A85C

# 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.



1D743B



605CA8



7B6210

# Square

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



605CA8



A84544



566D1B



007787

# Rectangle

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



605CA8



A24376



566D1B



007654



# Sweetspot

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



605CA8



BEBDBB



5CA4A8



5C5B6E



EDEDED



6E6E6E



# Same Dimension

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



605CA8



6B65DB



865CA8



4C4C54



080094



010014



# Inverse Universe

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



A85CA4



DB65D5



7EA85C



544C54



94008C

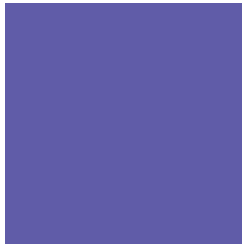


140013



# Previews

## White Background



This preview shows how the Hex color 605CA8 looks on a white background.

## Color Contrast Check

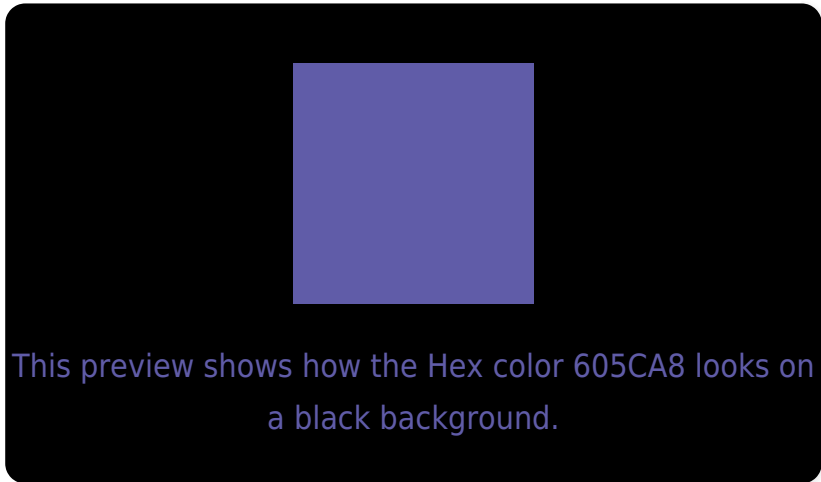
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

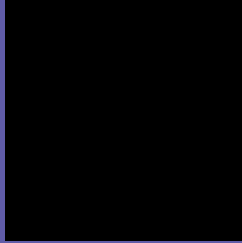
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 605CA8 Background



This preview shows how black text looks on a background with the Hex color 605CA8.

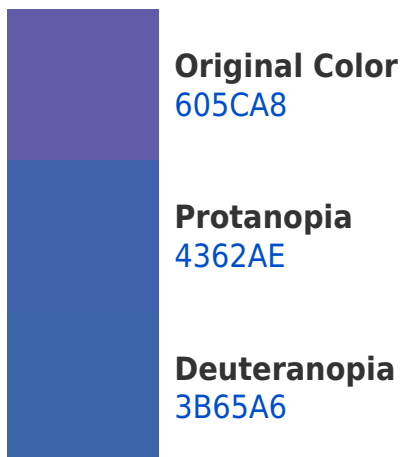



This preview shows how white text looks on a background with the Hex color 605CA8.

# 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**  
526871

# Trichromacy



**Original Color**  
605CA8

**Protanomaly**  
4E60AC

**Deuteranomaly**  
4862A7

**Tritanomaly**  
576485

# Monochromacy



**Original Color**  
605CA8

**Achromatopsia**  
666666

**Achromatomaly**  
64627E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 605CA8 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 #605CA8 looks like.

```
.text, #text, p{  
    color:#605CA8  
}
```

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 #605CA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #605CA8
}
```

## Border

The CSS property to change the border of an element to Hex 605CA8 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
#605CA8 }
```

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

```
.border{ border-color:#605CA8 }
```

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

Here you see how a box with a 4 pixel #605CA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #605CA8; -webkit-box-shadow:4px 4px  
4px 4px #605CA8; box-shadow:4px 4px 4px  
4px #605CA8 }
```

# Background

The CSS property to change the background color of an element to Hex 605CA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#605CA8 }
```

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

```
.background{ background-color:#605CA8 }
```

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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