

# Converting Colors

Hex(593AF8)

Have a look what the booklet for  
Hex(593AF8) contains.

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**Color**

**Hex(593AF8)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	593AF8
RGB	89, 58, 248
RGB Percent	35%, 23%, 97%
CMY	0.6510, 0.7725, 0.0275
CMYK	0.64, 0.77, 0.00, 0.03
HSL	250°, 93%, 60%
HSV	250°, 77%, 97%
XYZ	22.5762, 11.9273, 89.9192
YIQ	88.9290, -42.5140, 65.6620

# Conversions

## Conversions Part 2

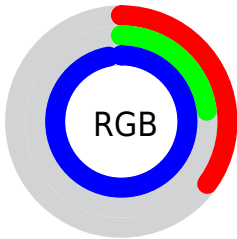
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	89, 58, 248
Decimal	5847800
CIE Lab	41.10, 63.53, -89.19
CIE LCh	41, 109.505, 305.462
Yxy	11.9273, 0.1814, 0.0959
Android (android.graphics.Color)	4284037880 (0xFF593AF8)
YUV	88.9290, 78.4220, 0.0623
Hunter-Lab	34.5359, 56.2479, -130.1951

# Details

The Hex color **593AF8** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **D9F83A**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **9C6EFF**, and **0000BE** is the 20% darker color. If you saturate the color by 10%, you get **4421F8**, and if you desaturate by 10%, it is **6E53F8**.

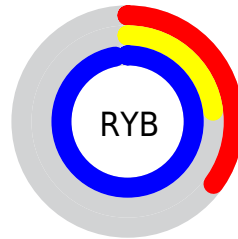
# Distribution



Red (35%)

Green (23%)

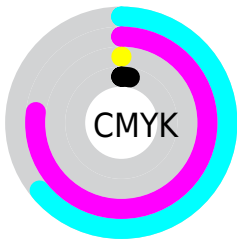
Blue (97%)



Red (35%)

Yellow (23%)

Blue (97%)

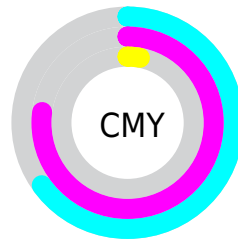


Cyan (64%)

Magenta (77%)

Yellow (0%)

Black (3%)



Cyan (65%)

Magenta (77%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 593AF8 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 593AF8 by changing the saturation by 10% instead.



 593AF8

 593AF8

FFFFFF

 2F1FDB

 9C6EFF

 0000BE

 BC89FF

 0000A2

 DCA4FF

 000087

 FBC0FF

 00006C

 FFDCFF

 000B53

 FFF9FF

 00063B

 000224

 00000C

■ 593AF8

■ 593AF8

■ 4421F8

■ 6E53F8

■ 2F08F8

■ 836CF8

■ 2800F8

■ 9784F8

■ AC9DF8

■ C1B6F8

■ D6CFF8

■ EAE8F8

■ FFFFF8

# Harmonies

## Analogous

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



006CFF



593AF8



D000AE

# Triad

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



593AF8



AF3900



007F70

# Complementary

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



593AF8



D9F83A

# 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.



007C00



593AF8



686400

# Square

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



593AF8



E00000



007500



0081CA

# Rectangle

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



593AF8



EC0073



007500



007E50



# Sweetspot

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



593AF8



CEC4FF



3ADBF8



625C80



000000



808080



# Same Dimension

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



593AF8



3B14FF



B63AF8



72707D



1F00BD



0A003D



# Inverse Universe

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



F83AD9



FF14D9



7CF83A



7D707B



BD009E

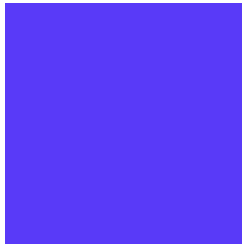


3D0033



# Previews

## White Background



This preview shows how the Hex color 593AF8 looks on a white background.

## Color Contrast Check

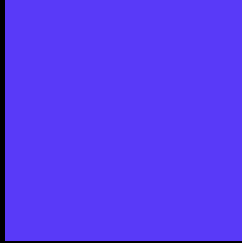
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 593AF8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

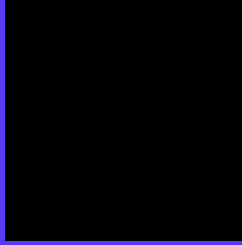
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 593AF8 Background



This preview shows how black text looks on a background with the Hex color 593AF8.

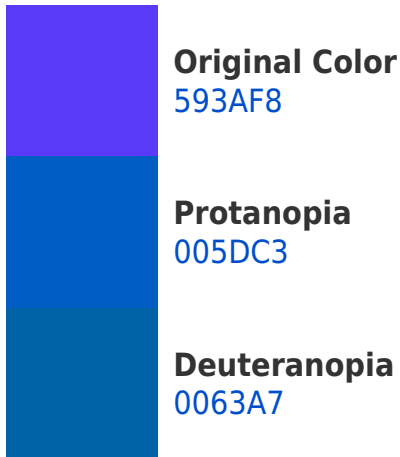


This preview shows how white text looks on a background with the Hex color 593AF8.

# 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](#).

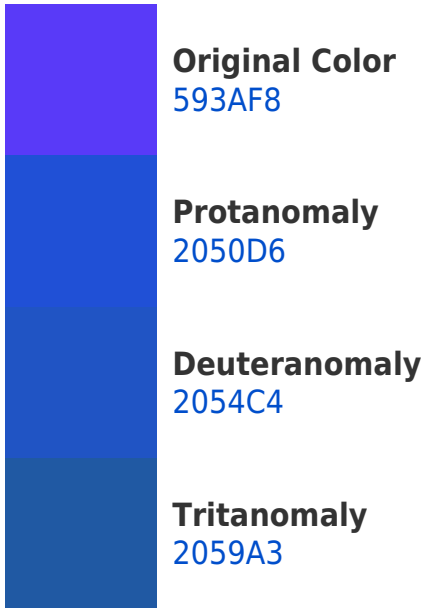
## Dichromacy





**Tritanopia**  
006B73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 593AF8 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 #593AF8 looks like.

```
.text, #text, p{  
    color:#593AF8  
}
```

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 #593AF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #593AF8
}
```

## Border

The CSS property to change the border of an element to Hex 593AF8 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
#593AF8 }
```

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

```
.border{ border-color:#593AF8 }
```

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

Here you see how a box with a 4 pixel #593AF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #593AF8; -webkit-box-shadow:4px 4px  
4px 4px #593AF8; box-shadow:4px 4px 4px  
4px #593AF8 }
```

# Background

The CSS property to change the background color of an element to Hex 593AF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#593AF8 }
```

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

```
.background{ background-color:#593AF8 }
```

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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