

Converting Colors

Hex(593AF6)

Have a look what the booklet for
Hex(593AF6) contains.

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Color

Hex(593AF6)

Conversions

Conversions Part 1

Format	Color
Hex	593AF6
RGB	89, 58, 246
RGB Percent	35%, 23%, 96%
CMY	0.6510, 0.7725, 0.0353
CMYK	0.64, 0.76, 0.00, 0.04
HSL	250°, 91%, 60%
HSV	250°, 76%, 96%
XYZ	22.2674, 11.8038, 88.2935
YIQ	88.7010, -41.8720, 65.0400

Conversions

Conversions Part 2

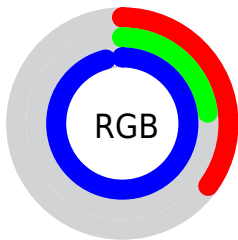
Format	Color
R _Y B	89, 58, 246
Decimal	5847798
CIE Lab	40.90, 62.96, -88.40
CIE LCh	41, 108.528, 305.462
Yxy	11.8038, 0.1820, 0.0965
Android (android.graphics.Color)	4284037878 (0xFF593AF6)
YUV	88.7010, 77.5484, 0.2622
Hunter-Lab	34.3566, 55.5664, -128.3204

Details

The Hex color **593AF6** 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 **D7F63A**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **9C6EFF**, and **0000BC** is the 20% darker color. If you saturate the color by 10%, you get **4421F6**, and if you desaturate by 10%, it is **6E53F6**.

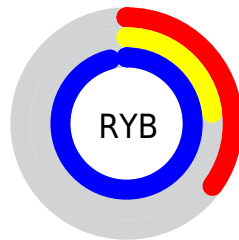
Distribution



Red (35%)

Green (23%)

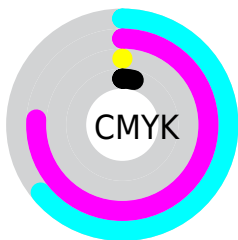
Blue (96%)



Red (35%)

Yellow (23%)

Blue (96%)

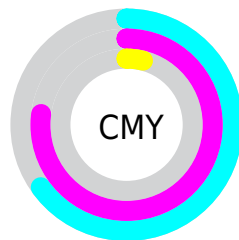


Cyan (64%)

Magenta (76%)

Yellow (0%)

Black (4%)



Cyan (65%)

Magenta (77%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 593AF6 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 593AF6 by changing the saturation by 10% instead.

 593AF6

 593AF6

FFFFFF

 2F20D9

 9C6EFF

 0000BC

 BC88FF

 0000A0

 DBA4FF

 000085

 FBC0FF

 00006A

 FFDCFF

 000B51

 FFF9FF

 000539

 000223

 000009

■ 593AF6

■ 593AF6

■ 4421F6

■ 6E53F6

■ 3009F6

■ 826BF6

■ 2900F6

■ 9784F6

■ AB9CF6

■ C0B5F6

■ D4CEF6

■ E9E6F6

■ FDFFF6

■ FFFFF6

Harmonies

Analogous

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



006BFF



593AF6



CF00AD

Triad

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



593AF6



AE3900



007E6F

Complementary

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



593AF6



D7F63A

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.



007B00



593AF6



686300

Square

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



593AF6



DE0000



007500



0080C8

Rectangle

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



593AF6



EA0072



007500



007D50

Sweetspot

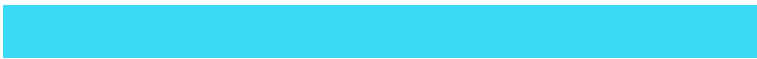
The Sweet Spot groups the original color and five complimentary colors.



593AF6



CEC4FF



3ADAF6



625C80



000000



808080

Same Dimension

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



593AF6



3B14FF



B43AF6



706E7A



1F00BA



0A003B

Inverse Universe

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



F63AD7



FF14D8



7CF63A



7A6E78



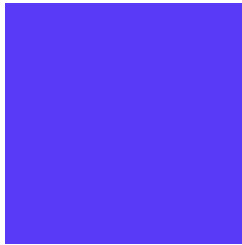
BA009B



3B0031

Previews

White Background



This preview shows how the Hex color 593AF6 looks on a white background.

Color Contrast Check

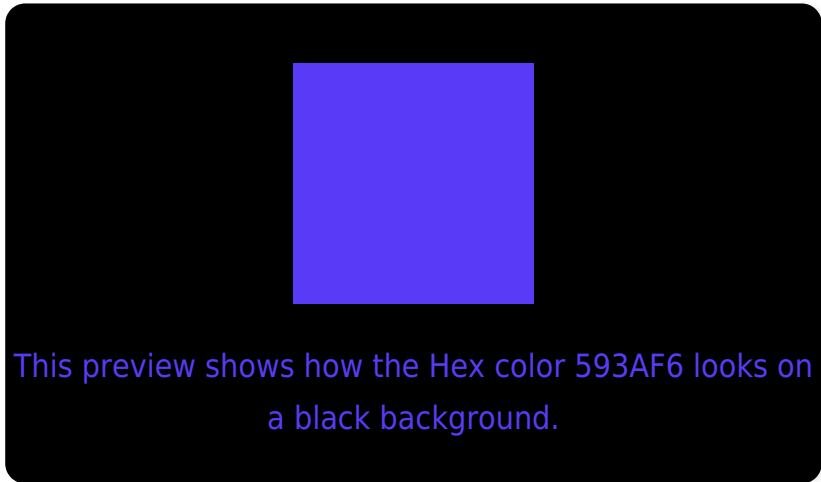
Large Text (above 18pt) WCAG AA ✓ Pass

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

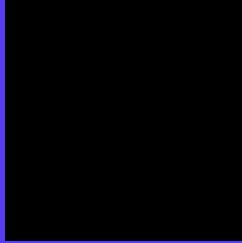
Any Text WCAG AA × Fail

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 593AF6 Background



This preview shows how black text looks on a background with the Hex color 593AF6.

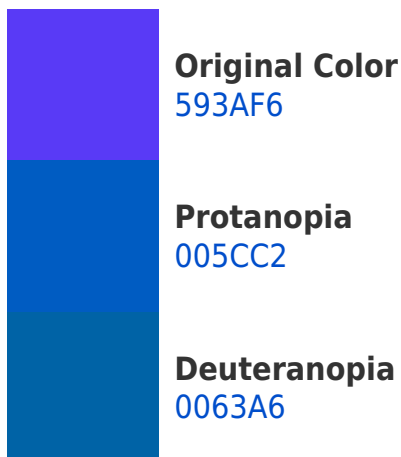


This preview shows how white text looks on a background with the Hex color 593AF6.

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
006A72

Trichromacy



Original Color
593AF6

Protanomaly
2050D5

Deuteranomaly
2054C3

Tritanomaly
2059A2

Monochromacy



Original Color
593AF6

Achromatopsia
595959

Achromatomaly
594E92

CSS Examples

Text

The CSS property to change the color of the text to Hex 593AF6 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 #593AF6 looks like.

```
.text, #text, p{  
    color:#593AF6  
}
```

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 #593AF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #593AF6
}
```

Border

The CSS property to change the border of an element to Hex 593AF6 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
#593AF6 }
```

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

```
.border{ border-color:#593AF6 }
```

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

Here you see how a box with a 4 pixel #593AF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #593AF6; -webkit-box-shadow:4px 4px  
4px 4px #593AF6; box-shadow:4px 4px 4px  
4px #593AF6 }
```

Background

The CSS property to change the background color of an element to Hex 593AF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#593AF6 }
```

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

```
.background{ background-color:#593AF6 }
```

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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