

Converting Colors

Hex(593FF3)

Have a look what the booklet for
Hex(593FF3) contains.

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Color

Hex(593FF3)

Conversions

Conversions Part 1

Format	Color
Hex	593FF3
RGB	89, 63, 243
RGB Percent	35%, 25%, 95%
CMY	0.6510, 0.7529, 0.0471
CMYK	0.63, 0.74, 0.00, 0.05
HSL	249°, 88%, 60%
HSV	249°, 74%, 95%
XYZ	22.0750, 12.1499, 85.9757
YIQ	91.2940, -42.2840, 61.4920

Conversions

Conversions Part 2

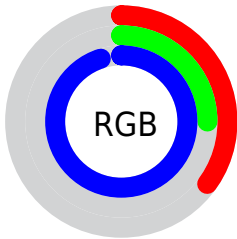
Format	Color
R_{YB}	89, 63, 243
Decimal	5849075
CIE _{Lab}	41.45, 59.70, -85.80
CIE _{LCh}	41, 104.525, 304.830
Yxy	12.1499, 0.1837, 0.1011
Android (android.graphics.Color)	4284039155 (0xFF593FF3)
YUV	91.2940, 74.7911, -2.0118
Hunter-Lab	34.8567, 52.0459, -121.8417

Details

The Hex color **593FF3** 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 **D9F33F**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9B72FF**, and **0009B9** is the 20% darker color. If you saturate the color by 10%, you get **4427F3**, and if you desaturate by 10%, it is **6E57F3**.

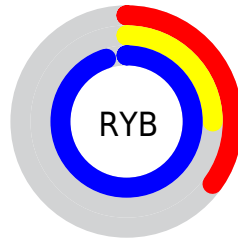
Distribution



Red (35%)

Green (25%)

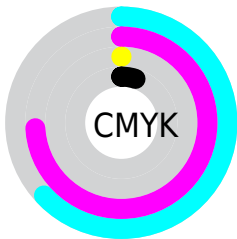
Blue (95%)



Red (35%)

Yellow (25%)

Blue (95%)

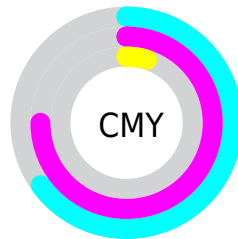


Cyan (63%)

Magenta (74%)

Yellow (0%)

Black (5%)



Cyan (65%)

Magenta (75%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 593FF3 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 593FF3 by changing the saturation by 10% instead.

 593FF3

 593FF3

FFFFFF

 3026D6

 9B72FF

 0009B9

 BB8DFF

 00009D

 DAA8FF

 000082

 F9C4FF

 000068

 FFE0FF

 000A4F

 FFFDFF

 000537

 000221

 000005

■ 593FF3

■ 593FF3

■ 4427F3

■ 6E57F3

■ 2F0EF3

■ 8370F3

■ 2300F3

■ 9788F3

■ ACA0F3

■ C1B8F3

■ D6D1F3

■ EBE9F3

■ FFFFF3

Harmonies

Analogous

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



006CFF



593FF3



CB00AD

Triad

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



593FF3



AF3B00



007F6E

Complementary

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



593FF3



D9F33F

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.



007C01



593FF3



6C6400

Square

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



593FF3



DD0000



007500



0081C4

Rectangle

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



593FF3



E70075



007500



007E50

Sweetspot

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



593FF3



CFC7FF



3FDBF3



635E80



000000



808080

Same Dimension

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



593FF3



3D1CFF



B13FF3



706E7A



1B00BA



08003B

Inverse Universe

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



F33FD9



FF1CDE



81F33F



7A6E79



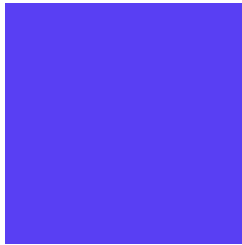
BA009F



3B0032

Previews

White Background



This preview shows how the Hex color 593FF3 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

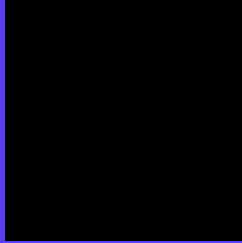
Any Text WCAG AA × Fail

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 593FF3 Background



This preview shows how black text looks on a background with the Hex color 593FF3.

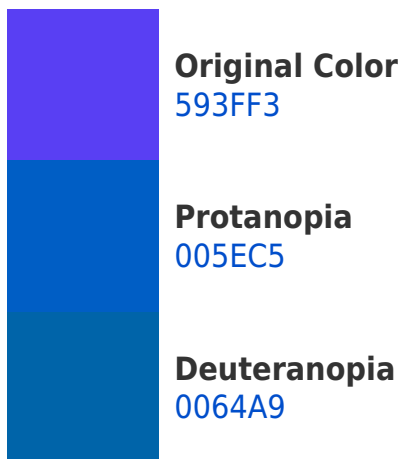


This preview shows how white text looks on a background with the Hex color 593FF3.

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
006C74

Trichromacy



Original Color

593FF3



Protanomaly

2053D6



Deuteranomaly

2057C4



Tritanomaly

205CA2

Monochromacy



Original Color

593FF3



Achromatopsia

5B5B5B



Achromatomaly

5A5192

CSS Examples

Text

The CSS property to change the color of the text to Hex 593FF3 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 #593FF3 looks like.

```
.text, #text, p{  
    color:#593FF3  
}
```

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 #593FF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #593FF3
}
```

Border

The CSS property to change the border of an element to Hex 593FF3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

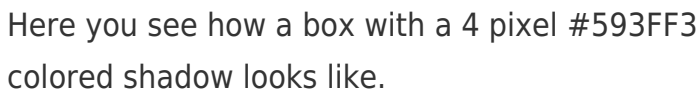
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#593FF3 }
```

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

```
.border{ border-color:#593FF3 }
```

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



Here you see how a box with a 4 pixel #593FF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #593FF3; -webkit-box-shadow:4px 4px  
4px 4px #593FF3; box-shadow:4px 4px 4px  
4px #593FF3 }
```

Background

The CSS property to change the background color of an element to Hex 593FF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#593FF3 }
```

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

```
.background{ background-color:#593FF3 }
```

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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