

Converting Colors

Hex(593BE9)

Have a look what the booklet for
Hex(593BE9) contains.

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Color

Hex(593BE9)

Conversions

Conversions Part 1

Format	Color
Hex	593BE9
RGB	89, 59, 233
RGB Percent	35%, 23%, 91%
CMY	0.6510, 0.7686, 0.0863
CMYK	0.62, 0.75, 0.00, 0.09
HSL	250°, 80%, 57%
HSV	250°, 75%, 91%
XYZ	20.3918, 11.1350, 78.1653
YIQ	87.8060, -37.9740, 60.4740

Conversions

Conversions Part 2

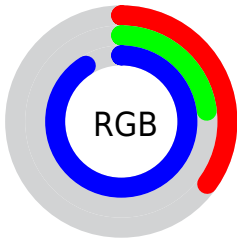
Format	Color
R_{YB}	89, 59, 233
Decimal	5848041
CIE _{Lab}	39.81, 58.78, -82.86
CIE _{LCh}	40, 101.592, 305.350
Yxy	11.1350, 0.1859, 0.1015
Android (android.graphics.Color)	4284038121 (0xFF593BE9)
YUV	87.8060, 71.5806, 1.0471
Hunter-Lab	33.3691, 50.6850, -115.5252

Details

The Hex color **593BE9** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark washed blue. A complement of this color would be **CBE93B**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **9A6EFF**, and **0003B0** is the 20% darker color. If you saturate the color by 10%, you get **4624E9**, and if you desaturate by 10%, it is **6C52E9**.

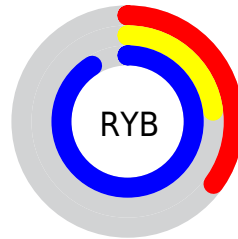
Distribution



Red (35%)

Green (23%)

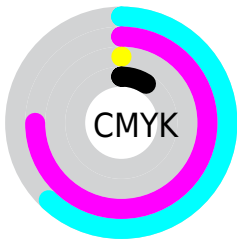
Blue (91%)



Red (35%)

Yellow (23%)

Blue (91%)

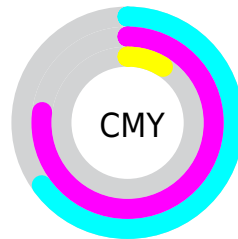


Cyan (62%)

Magenta (75%)

Yellow (0%)

Black (9%)



Cyan (65%)

Magenta (77%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 593BE9 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 593BE9 by changing the saturation by 10% instead.

 593BE9

 593BE9

FFFFFF

 3221CC

 9A6EFF

 0003B0

 B989FF

 000094

 D8A4FF

 00007A

 F7BFFF

 00035F

 FFDCFF

 000847

 FFF9FF

 00042F

 00011A

 000000

■ 593BE9

■ 593BE9

■ 4624E9

■ 6C52E9

■ 320CE9

■ 806AE9

■ 2800E9

■ 9381E9

■ A698E9

■ B9B0E9

■ CDC7E9

■ E0DEE9

■ F3F5E9

■ FFFFE9

Harmonies

Analogous

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



0068FF



593BE9



C500A5

Triad

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



593BE9



A73A00



007A6B

Complementary

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



593BE9



CBE93B

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.



007704



593BE9



666000

Square

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



593BE9



D40000



007100



007CBE

Rectangle

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



593BE9



DF006F



007100



00794E

Sweetspot

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



593BE9



D1C7FF



3BCCE9



645E80



000000



808080

Same Dimension

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



593BE9



4119FF



AF3BE9



6C6A75



1F00B5



090036

Inverse Universe

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



E93BCB



FF19D7



75E93B



756A73



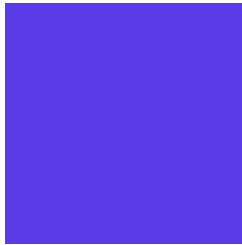
B50096



36002C

Previews

White Background



This preview shows how the Hex color 593BE9 looks on a white background.

Color Contrast Check

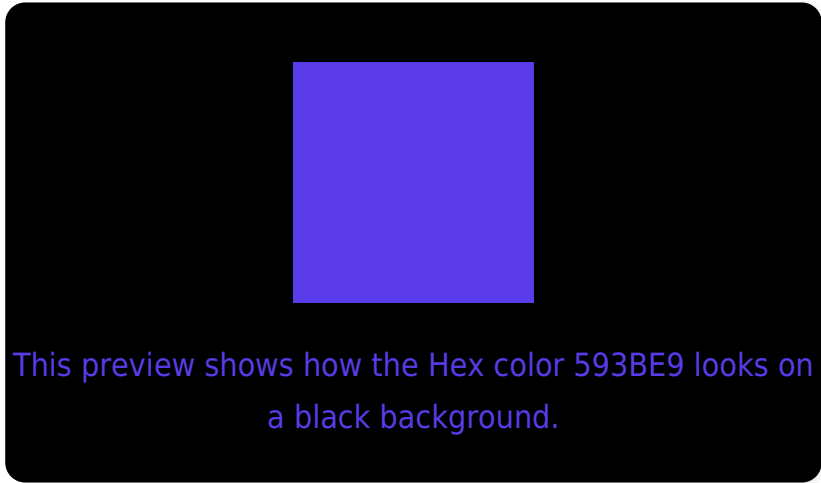
Large Text (above 18pt) WCAG AA ✓ Pass

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

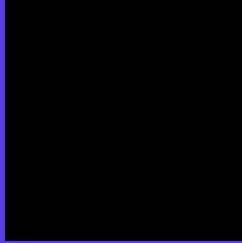
Any Text WCAG AA × Fail

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 593BE9 Background



This preview shows how black text looks on a background with the Hex color 593BE9.

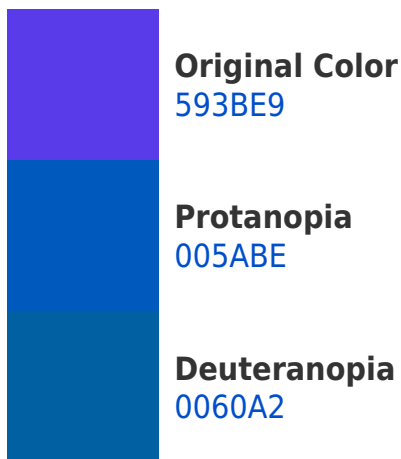


This preview shows how white text looks on a background with the Hex color 593BE9.

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](#).

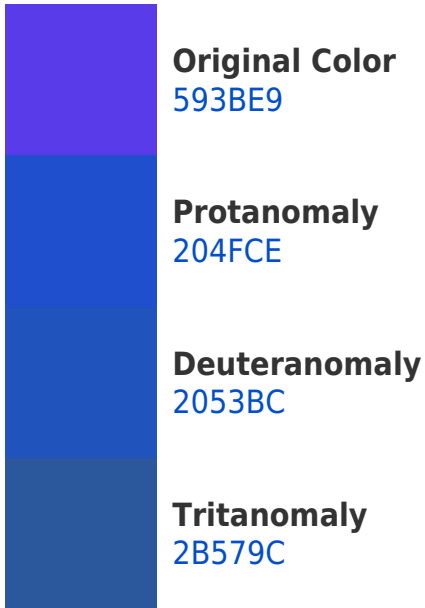
Dichromacy



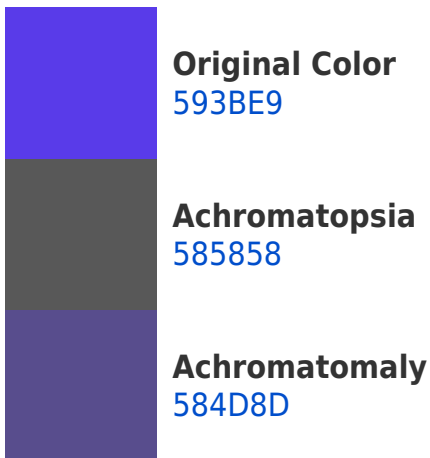


Tritanopia
116770

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 593BE9 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 #593BE9 looks like.

```
.text, #text, p{  
    color:#593BE9  
}
```

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 #593BE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #593BE9
}
```

Border

The CSS property to change the border of an element to Hex 593BE9 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
#593BE9 }
```

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

```
.border{ border-color:#593BE9 }
```

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

Here you see how a box with a 4 pixel #593BE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #593BE9; -webkit-box-shadow:4px 4px  
4px 4px #593BE9; box-shadow:4px 4px 4px  
4px #593BE9 }
```

Background

The CSS property to change the background color of an element to Hex 593BE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#593BE9 }
```

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

```
.background{ background-color:#593BE9 }
```

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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