

Converting Colors

Hex(594BE9)

Have a look what the booklet for
Hex(594BE9) contains.

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Color

Hex(594BE9)

Conversions

Conversions Part 1

Format	Color
Hex	594BE9
RGB	89, 75, 233
RGB Percent	35%, 29%, 91%
CMY	0.6510, 0.7059, 0.0863
CMYK	0.62, 0.68, 0.00, 0.09
HSL	245°, 78%, 60%
HSV	245°, 68%, 91%
XYZ	21.3439, 13.0392, 78.4827
YIQ	97.1980, -42.3740, 52.1060

Conversions

Conversions Part 2

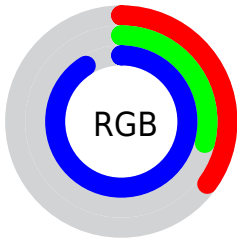
Format	Color
R_{YB}	89, 75, 233
Decimal	5852137
CIE _{Lab}	42.82, 50.37, -77.90
CIE _{LCh}	43, 92.769, 302.884
Yxy	13.0392, 0.1891, 0.1155
Android (android.graphics.Color)	4284042217 (0xFF594BE9)
YUV	97.1980, 66.9504, -7.1896
Hunter-Lab	36.1098, 42.3160, -103.5866

Details

The Hex color **594BE9** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **DBE94B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **997DFF**, and **001CB0** is the 20% darker color. If you saturate the color by 10%, you get **4434E9**, and if you desaturate by 10%, it is **6E62E9**.

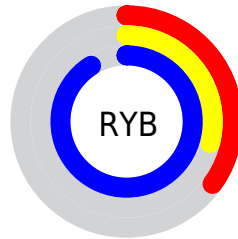
Distribution



Red (35%)

Green (29%)

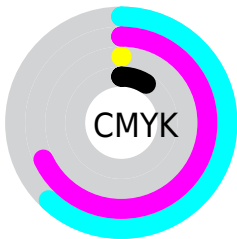
Blue (91%)



Red (35%)

Yellow (29%)

Blue (91%)

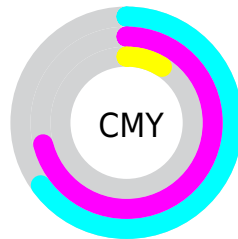


Cyan (62%)

Magenta (68%)

Yellow (0%)

Black (9%)



Cyan (65%)

Magenta (71%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 594BE9 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 594BE9 by changing the saturation by 10% instead.

■ 594BE9

■ 594BE9

FFFFFF

■ 3333CC

■ 997DFF

■ 001CB0

■ B798FF

■ 000494

■ D6B3FF

■ 00007A

■ F5CFFF

■ 000060

■ FFE8FF

■ 000847

■ 000430

■ 00011A

■ 000000

■ 594BE9

■ 594BE9

■ 4434E9

■ 6E62E9

■ 2F1CE9

■ 837AE9

■ 1905E9

■ 9991E9

■ 1500E9

■ AEA8E9

■ C3BFE9

■ D8D7E9

■ EEEEE9

■ FFFFE9

Harmonies

Analogous

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



006FFF



594BE9



C100AD

Triad

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



594BE9



B14200



00816B

Complementary

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



594BE9



DBE94B

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.



007E10



594BE9



756500

Square

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



594BE9



D80016



127600



0082B8

Rectangle

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



594BE9



DC007B



127600



008050

Sweetspot

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



594BE9



D1CCFF



4BDCE9



646180



000000



808080

Same Dimension

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



594BE9



4330FF



A74BE9



6B6A75



1000B5



050036

Inverse Universe

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



E94BDB



FF30ED



8DE94B



756A74



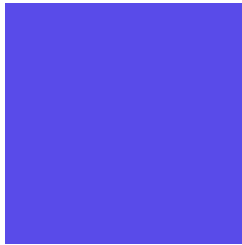
B500A5



360031

Previews

White Background



This preview shows how the Hex color 594BE9 looks on a white background.

Color Contrast Check

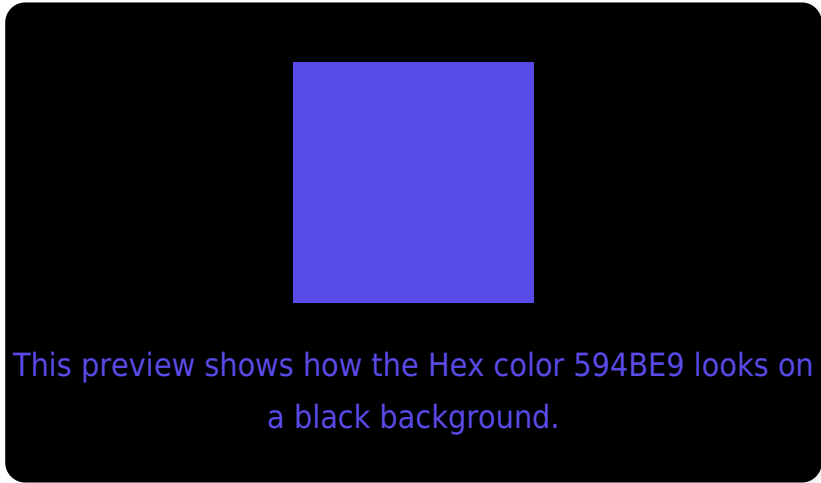
Large Text (above 18pt) WCAG AA ✓ Pass

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

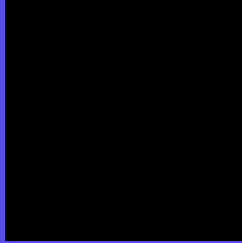
Any Text WCAG AA × Fail

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 594BE9 Background



This preview shows how black text looks on a background with the Hex color 594BE9.

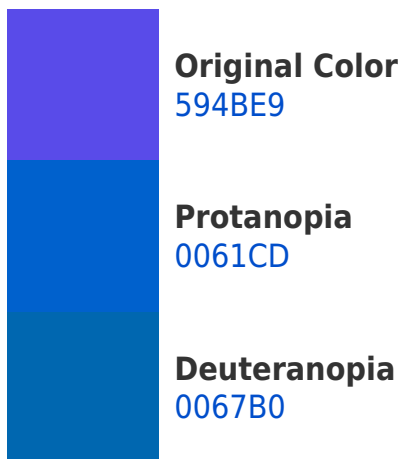


This preview shows how white text looks on a background with the Hex color 594BE9.

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](#).

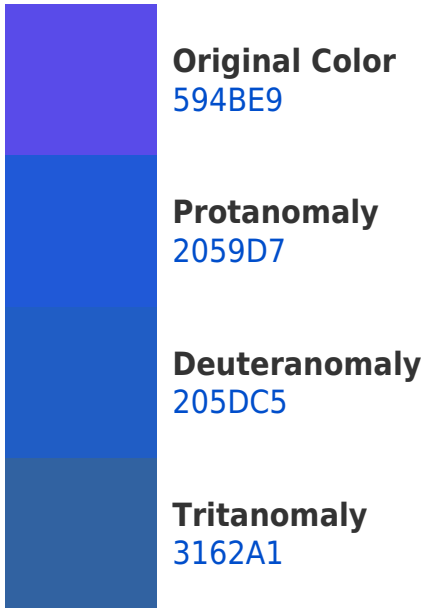
Dichromacy





Tritanopia
1A6F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 594BE9 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 #594BE9 looks like.

```
.text, #text, p{  
    color:#594BE9  
}
```

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 #594BE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #594BE9
}
```

Border

The CSS property to change the border of an element to Hex 594BE9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

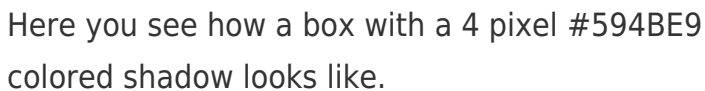
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#594BE9 }
```

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

```
.border{ border-color:#594BE9 }
```

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



Here you see how a box with a 4 pixel #594BE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #594BE9; -webkit-box-shadow:4px 4px  
4px 4px #594BE9; box-shadow:4px 4px 4px  
4px #594BE9 }
```

Background

The CSS property to change the background color of an element to Hex 594BE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#594BE9 }
```

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

```
.background{ background-color:#594BE9 }
```

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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