

Converting Colors

Hex(595BC4)

Have a look what the booklet for
Hex(595BC4) contains.

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Color

Hex(595BC4)

Conversions

Conversions Part 1

Format	Color
Hex	595BC4
RGB	89, 91, 196
RGB Percent	35%, 36%, 77%
CMY	0.6510, 0.6431, 0.2314
CMYK	0.55, 0.54, 0.00, 0.23
HSL	239°, 48%, 56%
HSV	239°, 55%, 77%
XYZ	17.8247, 13.5915, 53.9085
YIQ	102.3720, -34.8970, 32.2310

Conversions

Conversions Part 2

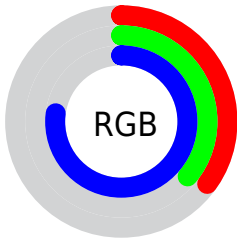
Format	Color
R_{YB}	89, 91, 196
Decimal	5856196
CIE _{Lab}	43.64, 29.12, -55.39
CIE _{LCh}	44, 62.579, 297.733
Yxy	13.5915, 0.2089, 0.1593
Android (android.graphics.Color)	4284046276 (0xFF595BC4)
YUV	102.3720, 46.1586, -11.7272
Hunter-Lab	36.8667, 21.7864, -60.8904

Details

The Hex color **595BC4** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **C4C259**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **928DFD**, and **142D8D** is the 20% darker color. If you saturate the color by 10%, you get **4548C4**, and if you desaturate by 10%, it is **6D6EC4**.

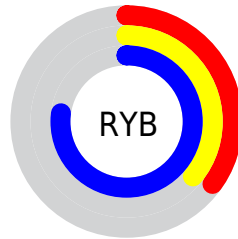
Distribution



Red (35%)

Green (36%)

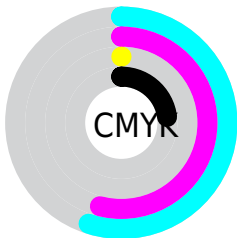
Blue (77%)



Red (35%)

Yellow (36%)

Blue (77%)

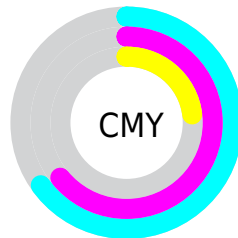


Cyan (55%)

Magenta (54%)

Yellow (0%)

Black (23%)



Cyan (65%)

Magenta (64%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 595BC4 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 595BC4 by changing the saturation by 10% instead.

■ 595BC4

■ 595BC4

FFFFFF

■ 3B44A8

■ 928DFD

■ 142D8D

■ AFA8FF

■ 001973

■ CCC3FF

■ 00025A

■ EADFFF

■ 000642

■ FFFBFF

■ 00032A

■ 000115

■ 000000

■ 595BC4

■ 595BC4

■ 4548C4

■ 6D6EC4

■ 3235C4

■ 8081C4

■ 1E21C4

■ 9495C4

■ 0B0EC4

■ A7A8C4

■ 0004C4

■ BBBBC4

■ CFCEC4

■ E2E2C4

■ F6F5C4

■ FFFFC4

Harmonies

Analogous

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



006FD0



595BC4



A03F9F

Triad

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



595BC4



A74D02



007D61

Complementary

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



595BC4



C4C259

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.



007A2B



595BC4



806400

Square

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



595BC4



BE323A



4E7200



007E96

Rectangle

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



595BC4



B82D7F



4E7200



007D4F

Sweetspot

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



595BC4



D6D7FF



59C4C0



676880



000000



808080

Same Dimension

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



595BC4



575AFF



8B59C4



575761



0003A1



000121

Inverse Universe

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



C4595B



FF575A



92C459



615757



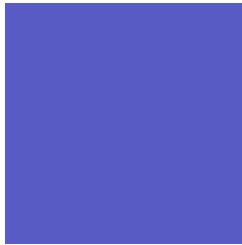
A10003



210001

Previews

White Background



This preview shows how the Hex color 595BC4 looks on a white background.

Color Contrast Check

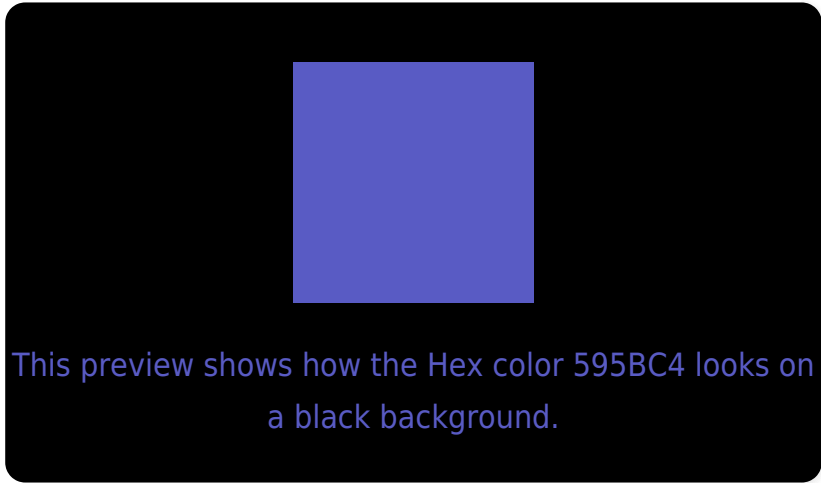
Large Text (above 18pt) WCAG AA ✓ Pass

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

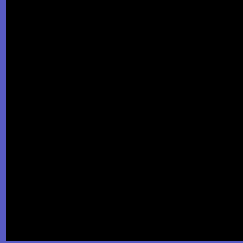
Any Text WCAG AA × Fail

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 595BC4 Background



This preview shows how black text looks on a background with the Hex color 595BC4.

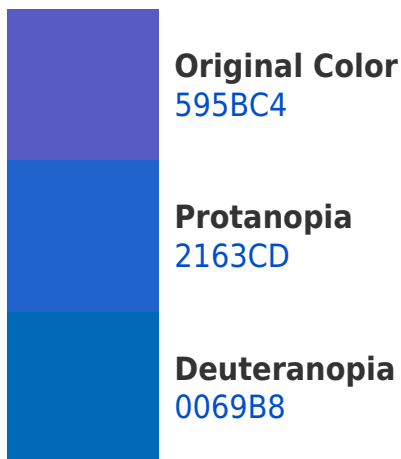


This preview shows how white text looks on a background with the Hex color 595BC4.

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](#).

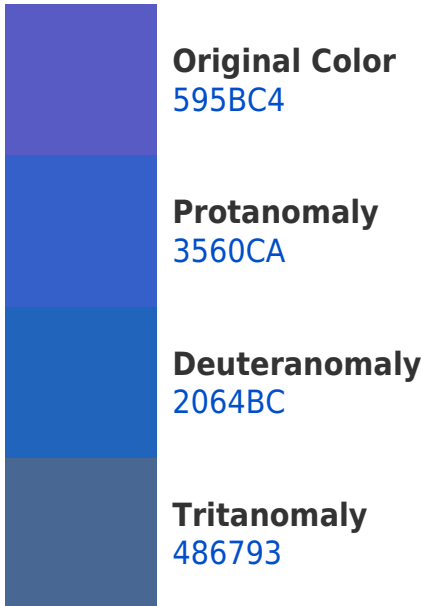
Dichromacy



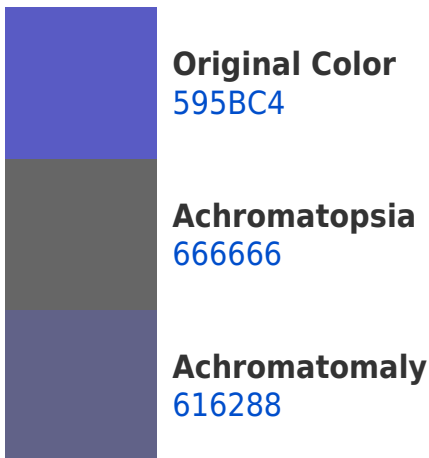


Tritanopia
3E6E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 595BC4 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 #595BC4 looks like.

```
.text, #text, p{  
    color:#595BC4  
}
```

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 #595BC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #595BC4
}
```

Border

The CSS property to change the border of an element to Hex 595BC4 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
#595BC4 }
```

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

```
.border{ border-color:#595BC4 }
```

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

Here you see how a box with a 4 pixel #595BC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #595BC4; -webkit-box-shadow:4px 4px  
4px 4px #595BC4; box-shadow:4px 4px 4px  
4px #595BC4 }
```

Background

The CSS property to change the background color of an element to Hex 595BC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#595BC4 }
```

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

```
.background{ background-color:#595BC4 }
```

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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