

Converting Colors

Hex(593DB4)

Have a look what the booklet for
Hex(593DB4) contains.

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Color

Hex(593DB4)

Conversions

Conversions Part 1

Format	Color
Hex	593DB4
RGB	89, 61, 180
RGB Percent	35%, 24%, 71%
CMY	0.6510, 0.7608, 0.2941
CMYK	0.51, 0.66, 0.00, 0.29
HSL	254°, 49%, 47%
HSV	254°, 66%, 71%
XYZ	14.0268, 8.7566, 44.1309
YIQ	82.9380, -21.5110, 42.9450

Conversions

Conversions Part 2

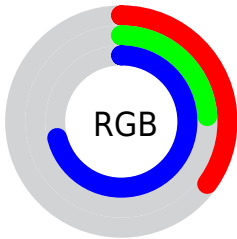
Format	Color
R_{YB}	89, 61, 180
Decimal	5848500
CIE _{Lab}	35.51, 42.19, -59.20
CIE _{LCh}	36, 72.696, 305.481
Yxy	8.7566, 0.2096, 0.1309
Android (android.graphics.Color)	4284038580 (0xFF593DB4)
YUV	82.9380, 47.8516, 5.3164
Hunter-Lab	29.5916, 32.8260, -67.7070

Details

The Hex color **593DB4** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **98B43D**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **926EED**, and **180E7E** is the 20% darker color. If you saturate the color by 10%, you get **4B2BB4**, and if you desaturate by 10%, it is **674FB4**.

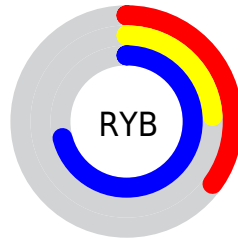
Distribution



Red (35%)

Green (24%)

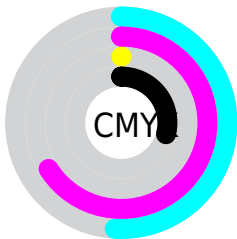
Blue (71%)



Red (35%)

Yellow (24%)

Blue (71%)

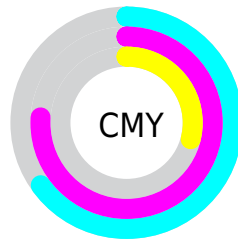


Cyan (51%)

Magenta (66%)

Yellow (0%)

Black (29%)



Cyan (65%)

Magenta (76%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 593DB4 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 593DB4 by changing the saturation by 10% instead.

■ 593DB4

■ 593DB4

FFFFFF

■ 3B2699

■ 926EED

■ 180E7E

■ AF88FF

■ 000064

■ CCA3FF

■ 00004C

■ E9BEFF

■ 000434

■ FFDAFF

■ 00021E

■ FFF7FF

■ 000000

■ 593DB4

■ 593DB4

■ 4B2BB4

■ 674FB4

■ 3D19B4

■ 7561B4

■ 3007B4

■ 8273B4

■ 2A00B4

■ 9085B4

■ 9E97B4

■ ACA9B4

■ B9BBB4

■ C7CDB4

■ D5DFB4

Harmonies

Analogous

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



0059CA



593DB4



9E0085

Triad

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



593DB4



8C3D00



006A5D

Complementary

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



593DB4



98B43D

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.



00681E



593DB4



5D5500

Square

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



593DB4



AB0312



166200



006A97

Rectangle

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



593DB4



B1005F



166200



006A49

Sweetspot

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



593DB4



C7BCEB



3D98B4



605975



F5F5F5



757575

Same Dimension

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



593DB4



5D31EB



943DB4



525059



240099



06001A

Inverse Universe

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



B43D98



EB31BF



5DB43D



595057



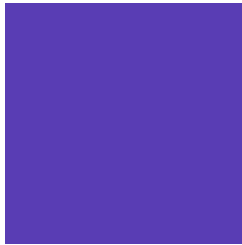
990075



1A0014

Previews

White Background



This preview shows how the Hex color 593DB4 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

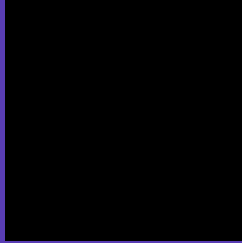
Any Text WCAG AA × Fail

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 593DB4 Background



This preview shows how black text looks on a background with the Hex color 593DB4.

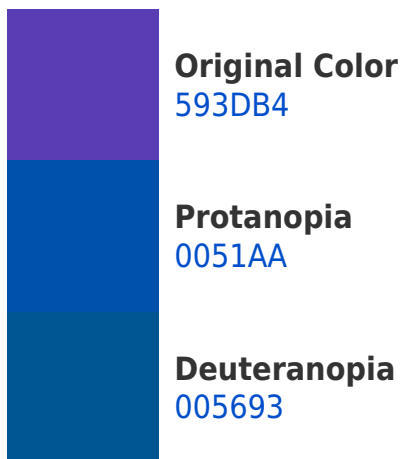


This preview shows how white text looks on a background with the Hex color 593DB4.

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
3F575E

Trichromacy



Original Color
593DB4

Protanomaly
204AAE

Deuteranomaly
204D9F

Tritanomaly
484E7D

Monochromacy



Original Color
593DB4

Achromatopsia
535353

Achromatomaly
554B76

CSS Examples

Text

The CSS property to change the color of the text to Hex 593DB4 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 #593DB4 looks like.

```
.text, #text, p{  
    color:#593DB4  
}
```

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 #593DB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #593DB4
}
```

Border

The CSS property to change the border of an element to Hex 593DB4 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".

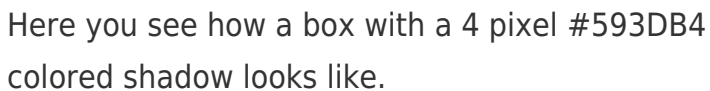
```
.border, #border, table{ border:4px solid
#593DB4 }
```

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

```
.border{ border-color:#593DB4 }
```

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

Here you see how a box with a 4 pixel #593DB4 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #593DB4; -webkit-box-shadow:4px 4px  
4px 4px #593DB4; box-shadow:4px 4px 4px  
4px #593DB4 }
```

Background

The CSS property to change the background color of an element to Hex 593DB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#593DB4 }
```

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

```
.background{ background-color:#593DB4 }
```

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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