

Converting Colors

Hex(592FD6)

Have a look what the booklet for
Hex(592FD6) contains.

Hex(592FD6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(592FD6)

Conversions

Conversions Part 1

Format	Color
Hex	592FD6
RGB	89, 47, 214
RGB Percent	35%, 18%, 84%
CMY	0.6510, 0.8157, 0.1608
CMYK	0.58, 0.78, 0.00, 0.16
HSL	255°, 67%, 51%
HSV	255°, 78%, 84%
XYZ	17.2739, 9.0119, 64.4474
YIQ	78.5960, -28.5750, 60.8410

Conversions

Conversions Part 2

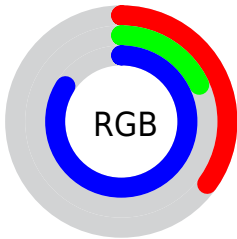
Format	Color
R _Y B	89, 47, 214
Decimal	5844950
CIE Lab	36.01, 59.05, -78.26
CIE LCh	36, 98.035, 307.037
Yxy	9.0119, 0.1904, 0.0993
Android (android.graphics.Color)	4284035030 (0xFF592FD6)
YUV	78.5960, 66.7542, 9.1243
Hunter-Lab	30.0199, 50.1772, -106.2713

Details

The Hex color **592FD6** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed blue. A complement of this color would be **ACD62F**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9863FF**, and **00009E** is the 20% darker color. If you saturate the color by 10%, you get **491AD6**, and if you desaturate by 10%, it is **6944D6**.

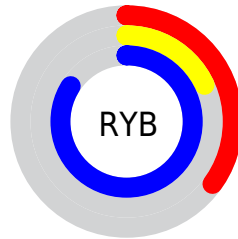
Distribution



Red (35%)

Green (18%)

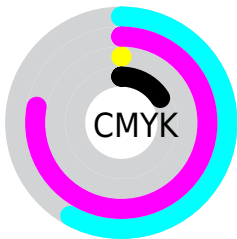
Blue (84%)



Red (35%)

Yellow (18%)

Blue (84%)

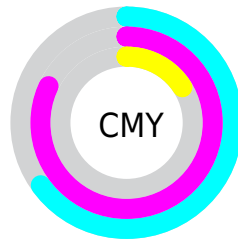


Cyan (58%)

Magenta (78%)

Yellow (0%)

Black (16%)



Cyan (65%)

Magenta (82%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 592FD6 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 592FD6 by changing the saturation by 10% instead.

■ 592FD6

■ 592FD6

FFFFFF

■ 3513BA

■ 9863FF

■ 00009E

■ B67DFF

■ 000083

■ D498FF

■ 000069

■ F3B4FF

■ 000A4F

■ FFD0FF

■ 000537

■ FFEDFF

■ 000221

■ 000006

■ 000000

■ 592FD6

■ 592FD6

■ 491AD6

■ 6944D6

■ 3904D6

■ 795AD6

■ 3600D6

■ 896FD6

■ 9985D6

■ A99AD6

■ B9AFD6

■ C9C5D6

■ D9DAD6

■ E9F0D6

Harmonies

Analogous

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



005DF7



592FD6



B90094

Triad

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



592FD6



963500



006F66

Complementary

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



592FD6



ACD62F

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.



006D07



592FD6



585800

Square

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



592FD6



C20000



006700



0071B4

Rectangle

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



592FD6



CF0060



006700



006F4B

Sweetspot

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



592FD6



D3C4FF



2FACD6



655C80



000000



808080

Same Dimension

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



592FD6



4C0FFF



AC2FD6



63606B



2B00AB



0B002B

Inverse Universe

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



D62FAC



FF0FC3



59D62F



6B6068



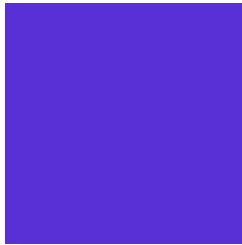
AB0080



2B0020

Previews

White Background



This preview shows how the Hex color 592FD6 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

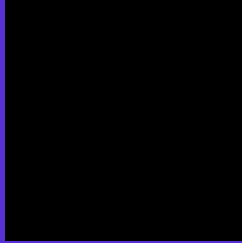
Any Text WCAG AA × Fail

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 592FD6 Background



This preview shows how black text looks on a background with the Hex color 592FD6.

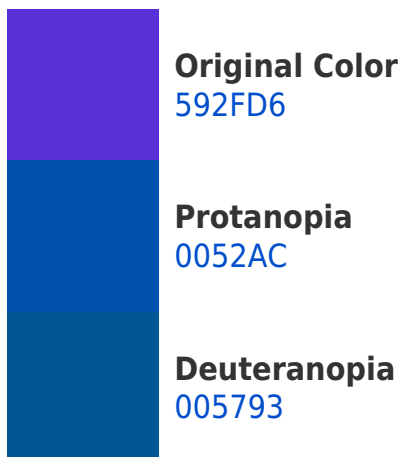



This preview shows how white text looks on a background with the Hex color 592FD6.

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
295C63

Trichromacy



Original Color
592FD6



Protanomaly
2045BB



Deuteranomaly
2048AB



Tritanomaly
3A4C8D

Monochromacy



Original Color
592FD6



Achromatopsia
4F4F4F



Achromatomaly
534380

CSS Examples

Text

The CSS property to change the color of the text to Hex 592FD6 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 #592FD6 looks like.

```
.text, #text, p{  
    color:#592FD6  
}
```

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 #592FD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #592FD6
}
```

Border

The CSS property to change the border of an element to Hex 592FD6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

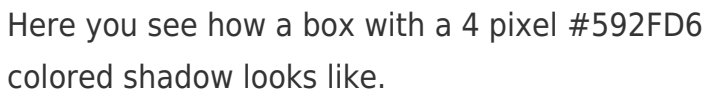
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#592FD6 }
```

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

```
.border{ border-color:#592FD6 }
```

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



Here you see how a box with a 4 pixel #592FD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #592FD6; -webkit-box-shadow:4px 4px  
4px 4px #592FD6; box-shadow:4px 4px 4px  
4px #592FD6 }
```

Background

The CSS property to change the background color of an element to Hex 592FD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#592FD6 }
```

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

```
.background{ background-color:#592FD6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor