

# Converting Colors

Hex(D594F0)

Have a look what the booklet for  
Hex(D594F0) contains.

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# Color

**Hex(D594F0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D594F0
RGB	213, 148, 240
RGB Percent	84%, 58%, 94%
CMY	0.1647, 0.4196, 0.0588
CMYK	0.11, 0.38, 0.00, 0.06
HSL	282°, 75%, 76%
HSV	282°, 38%, 94%
XYZ	53.7587, 41.6172, 87.6376
YIQ	177.9230, 9.2080, 42.3920

# Conversions

## Conversions Part 2

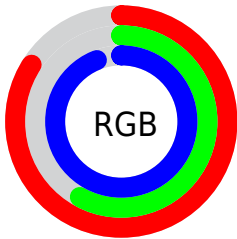
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 148, 240
Decimal	13997296
CIE <sub>Lab</sub>	70.61, 40.20, -36.72
CIE <sub>LCh</sub>	71, 54.442, 317.588
Yxy	41.6172, 0.2937, 0.2274
Android (android.graphics.Color)	4292187376 (0xFFD594F0)
YUV	177.9230, 30.6040, 30.7625
Hunter-Lab	64.5114, 35.8527, -35.3864

# Details

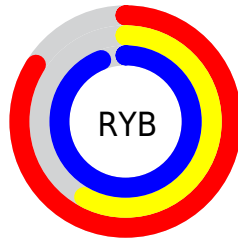
The Hex color **D594F0** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **AFF094**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFCBFF**, and **9D60B8** is the 20% darker color. If you saturate the color by 10%, you get **CE7CF0**, and if you desaturate by 10%, it is **DCACF0**.

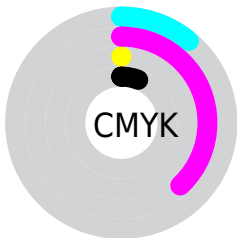
# Distribution



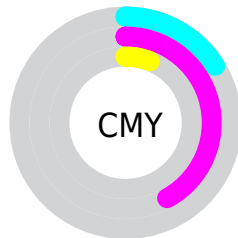
- Red (84%)
- Green (58%)
- Blue (94%)



- Red (84%)
- Yellow (58%)
- Blue (94%)



- Cyan (11%)
- Magenta (38%)
- Yellow (0%)
- Black (6%)



- Cyan (16%)
- Magenta (42%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D594F0 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 D594F0 by changing the saturation by 10% instead.



 D594F0

 D594F0

FFFFFF

 B97AD3

 FFCBFF

 9D60B8

 FFE7FF

 82479C

 672E82

 4E1569

 340050

 200039

 000222

 000008

 D594F0

 D594F0

 CE7CF0

 DCACF0

 C764F0

 E3C4F0

 C04CF0

 EADCF0

 B934F0

 F1F4F0

 B21CF0

 F8FFF0

 AB04F0

 FFFFF0

 AA00F0

# Harmonies

## Analogous

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



8DA8FF



D594F0



FE85C3

# Triad

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



D594F0



DBA349



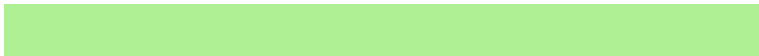
00C6C9

# Complementary

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



D594F0



AFF094

# 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.



00C496



D594F0



ADB349

# Square

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



D594F0



FC9065



74BE67



00C2F5

# Rectangle

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



D594F0



FF82A2



74BE67



00C6B8



# Sweetspot

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



D594F0



F6E0FF



94B0F0



7A6E80



000000



808080



# Same Dimension

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



D594F0



DD8AFF



F094DE



746C78



8200B8



280038



# Inverse Universe

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



F094AF



FF8AAC



94F0A6



786C6F



B80036

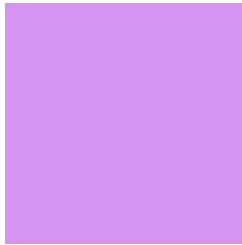


380010



# Previews

## White Background



This preview shows how the Hex color D594F0 looks on a white background.

## Color Contrast Check

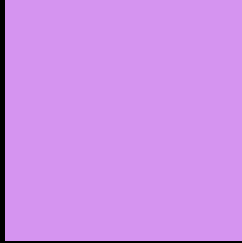
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color D594F0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

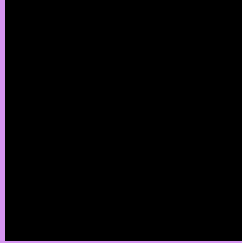
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D594F0 Background



This preview shows how black text looks on a background with the Hex color D594F0.

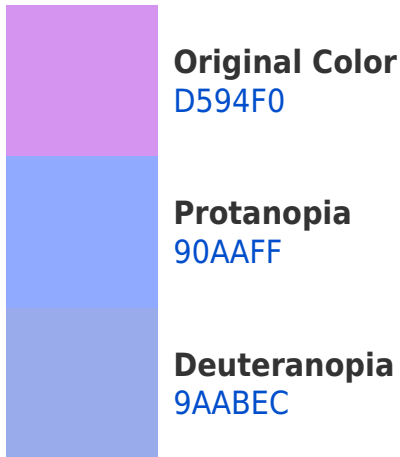


This preview shows how white text looks on a background with the Hex color D594F0.

# 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





# Trichromacy



**Original Color**  
D594F0



**Protanomaly**  
A9A2FA



**Deuteranomaly**  
AFA3ED



**Tritanomaly**  
CF9DC6

# Monochromacy



**Original Color**  
D594F0



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
BFA7C9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D594F0 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 #D594F0 looks like.

```
.text, #text, p{  
    color:#D594F0  
}
```

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 #D594F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D594F0
}
```

## Border

The CSS property to change the border of an element to Hex D594F0 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
#D594F0 }
```

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

```
.border{ border-color:#D594F0 }
```

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

Here you see how a box with a 4 pixel #D594F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D594F0; -webkit-box-shadow:4px 4px  
4px 4px #D594F0; box-shadow:4px 4px 4px  
4px #D594F0 }
```

# Background

The CSS property to change the background color of an element to Hex D594F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D594F0 }
```

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

```
.background{ background-color:#D594F0 }
```

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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