

# Converting Colors

Hex(D895F5)

Have a look what the booklet for  
Hex(D895F5) contains.

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# Color

**Hex(D895F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D895F5
RGB	216, 149, 245
RGB Percent	85%, 58%, 96%
CMY	0.1529, 0.4157, 0.0392
CMYK	0.12, 0.39, 0.00, 0.04
HSL	282°, 83%, 77%
HSV	282°, 39%, 96%
XYZ	55.5478, 42.6864, 91.6978
YIQ	179.9770, 9.1160, 44.0600

# Conversions

## Conversions Part 2

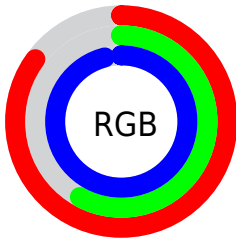
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">216, 149, 245</a>
Decimal	<a href="#">14194165</a>
CIELab	<a href="#">71.34, 41.56, -38.28</a>
CIELCh	<a href="#">71, 56.506, 317.354</a>
Yxy	<a href="#">42.6864, 0.2925, 0.2247</a>
Android (android.graphics.Color)	<a href="#">4292384245 (0xFFD895F5)</a>
YUV	<a href="#">179.9770, 32.0563, 31.5922</a>
Hunter-Lab	<a href="#">65.3348, 37.4251, -37.4795</a>

# Details

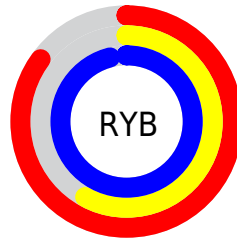
The Hex color **D895F5** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B2F595**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFCCFF**, and **A061BC** is the 20% darker color. If you saturate the color by 10%, you get **D17DF5**, and if you desaturate by 10%, it is **DFAEF5**.

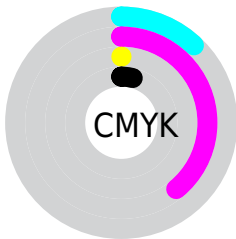
# Distribution



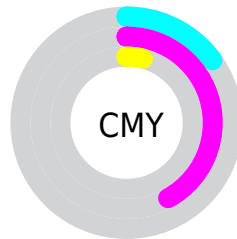
- Red (85%)
- Green (58%)
- Blue (96%)



- Red (85%)
- Yellow (58%)
- Blue (96%)



- Cyan (12%)
- Magenta (39%)
- Yellow (0%)
- Black (4%)



- Cyan (15%)
- Magenta (42%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D895F5 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 D895F5 by changing the saturation by 10% instead.



 D895F5

 D895F5

FFFFFF

 BC7AD8

 FFCCFF

 A061BC

 FFE9FF

 8447A1

 6A2F87

 50156D

 360054

 21003D

 000026

 00010E

 D895F5

 D895F5

 D17DF5

 DFAEF5

 C964F5

 E7C6F5

 C24CF5

 EEDFF5

 BA33F5

 F6F7F5

 B31AF5

 FDFFF5

 AC02F5

 FFFFF5

 AB00F5

# Harmonies

## Analogous

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



8CAAFF



D895F5



FF85C7

# Triad

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



D895F5



DEA447



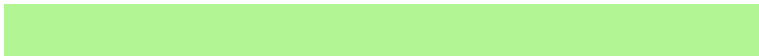
00C8CC

# Complementary

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



D895F5



B2F595

# 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.



00C796



D895F5



AFB547

# Square

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



D895F5



FF9165



74C166



00C5F9

# Rectangle

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



D895F5



FF81A4



74C166



00C8BA



# Sweetspot

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



D895F5



F6E0FF



95B3F5



7A6E80



000000



808080



# Same Dimension

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



D895F5



DB87FF



F595E3



776E7A



8200BA



29003B



# Inverse Universe

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



F595B2



FF87AB



95F5A7



7A6E72



BA0038

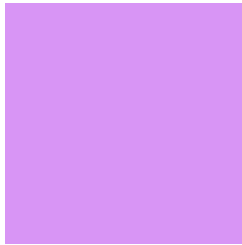


3B0012



# Previews

## White Background



This preview shows how the Hex color D895F5 looks on a white background.

## Color Contrast Check

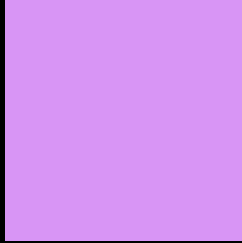
Large Text (above 18pt) WCAG AA × Fail

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 D895F5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

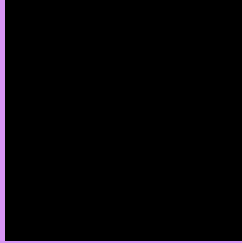
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D895F5 Background



This preview shows how black text looks on a background with the Hex color D895F5.

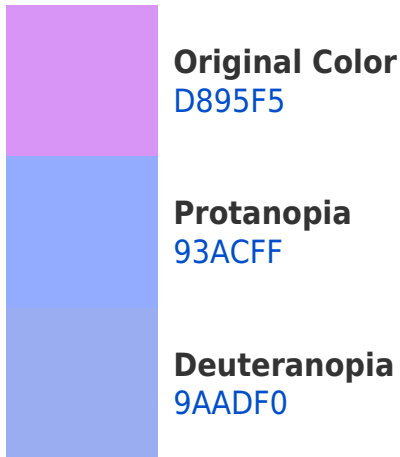



This preview shows how white text looks on a background with the Hex color D895F5.

# 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](#).

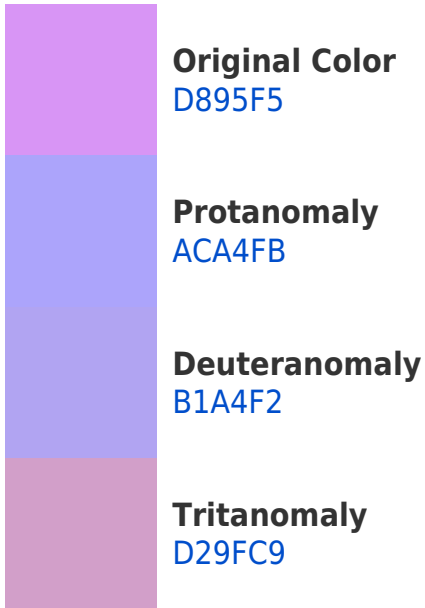
## Dichromacy



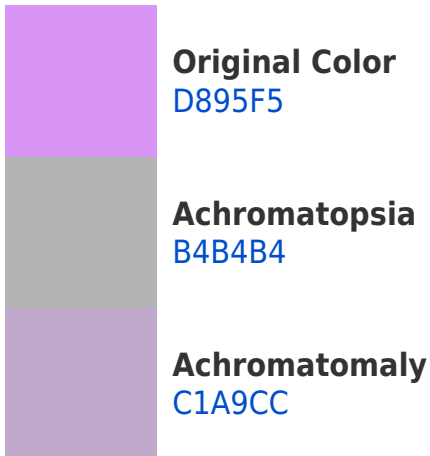


**Tritanopia**  
CEA4B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D895F5 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 #D895F5 looks like.

```
.text, #text, p{  
    color:#D895F5  
}
```

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 #D895F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D895F5  
}
```

## Border

The CSS property to change the border of an element to Hex D895F5 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  
#D895F5 }
```

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

```
.border{ border-color:#D895F5 }
```

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

Here you see how a box with a 4 pixel #D895F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D895F5; -webkit-box-shadow:4px 4px  
4px 4px #D895F5; box-shadow:4px 4px 4px  
4px #D895F5 }
```

# Background

The CSS property to change the background color of an element to Hex D895F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D895F5 }
```

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

```
.background{ background-color:#D895F5 }
```

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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