

# Converting Colors

Hex(D495F5)

Have a look what the booklet for  
Hex(D495F5) contains.

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**Color**

**Hex(D495F5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D495F5
RGB	212, 149, 245
RGB Percent	83%, 58%, 96%
CMY	0.1686, 0.4157, 0.0392
CMYK	0.13, 0.39, 0.00, 0.04
HSL	279°, 83%, 77%
HSV	279°, 39%, 96%
XYZ	54.3803, 42.0845, 91.6432
YIQ	178.7810, 6.7320, 43.2120

# Conversions

## Conversions Part 2

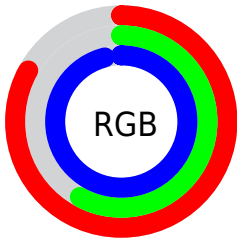
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">212, 149, 245</a>
Decimal	<a href="#">13932021</a>
CIELab	<a href="#">70.93, 40.39, -38.95</a>
CIELCh	<a href="#">71, 56.115, 316.037</a>
Yxy	<a href="#">42.0845, 0.2891, 0.2237</a>
Android (android.graphics.Color)	<a href="#">4292122101 (0xFFD495F5)</a>
YUV	<a href="#">178.7810, 32.6460, 29.1331</a>
Hunter-Lab	<a href="#">64.8726, 36.1029, -38.3461</a>

# Details

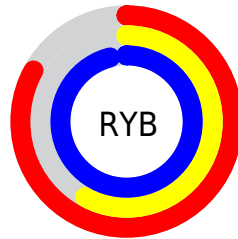
The Hex color **D495F5** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **B6F595**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFCCFF**, and **9C61BC** is the 20% darker color. If you saturate the color by 10%, you get **CC7DF5**, and if you desaturate by 10%, it is **DCAEF5**.

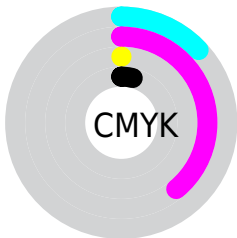
# Distribution



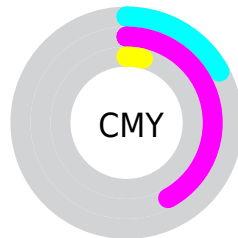
- Red (83%)
- Green (58%)
- Blue (96%)



- Red (83%)
- Yellow (58%)
- Blue (96%)



- Cyan (13%)
- Magenta (39%)
- Yellow (0%)
- Black (4%)



- Cyan (17%)
- Magenta (42%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D495F5 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 D495F5 by changing the saturation by 10% instead.



 D495F5

 D495F5

FFFFFF

 B87BD8

 FFCCFF

 9C61BC

 FFE9FF

 8148A1

 662F86

 4C166D

 330054

 1E003D

 000126

 00010E

 D495F5

 D495F5

 CC7DF5

 DCAEF5

 C364F5

 E5C6F5

 BB4CF5

 EDDFF5

 B233F5

 F6F7F5

 AA1AF5

 FEFFF5

 A102F5

 FFFFF5

 A100F5

# Harmonies

## Analogous

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



87A AFF



D495F5



FF84C8

# Triad

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



D495F5



DFA248



00C7C8

# Complementary

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



D495F5



B6F595

# 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.



00C693



D495F5



B0B346

# Square

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



D495F5



FF8F66



76BF64



00C4F6

# Rectangle

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



D495F5



FF81A5



76BF64



00C7B7



# Sweetspot

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



D495F5



F4E0FF



95B7F5



796E80



000000



808080



# Same Dimension

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



D495F5



D687FF



F595E7



766E7A



7A00BA



26003B



# Inverse Universe

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



F595B6



FF87B0



95F5A3



7A6E72



BA0040



3B0014



# Previews

## White Background



This preview shows how the Hex color D495F5 looks on a white background.

## Color Contrast Check

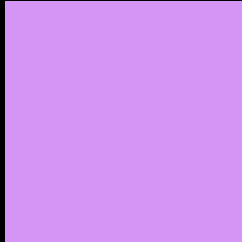
Large Text (above 18pt) WCAG AA × Fail

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 D495F5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

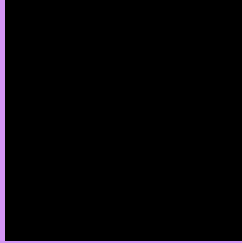
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex D495F5 Background



This preview shows how black text looks on a background with the Hex color D495F5.

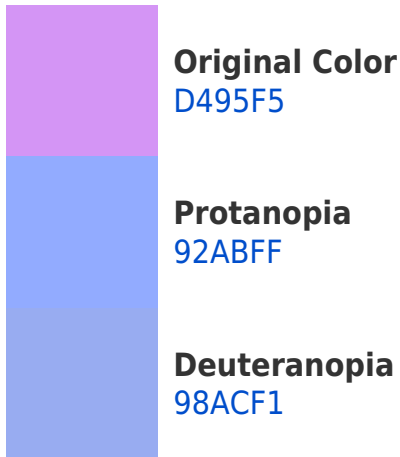



This preview shows how white text looks on a background with the Hex color D495F5.

# 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**  
C9A4B0

# Trichromacy



**Original Color**  
D495F5



**Protanomaly**  
AAA3FB



**Deuteranomaly**  
AEA4F2



**Tritanomaly**  
CD9FC9

# Monochromacy



**Original Color**  
D495F5



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
BFA8CB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D495F5 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 #D495F5 looks like.

```
.text, #text, p{  
    color:#D495F5  
}
```

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 #D495F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D495F5
}
```

## Border

The CSS property to change the border of an element to Hex D495F5 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
#D495F5 }
```

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

```
.border{ border-color:#D495F5 }
```

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

Here you see how a box with a 4 pixel #D495F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D495F5; -webkit-box-shadow:4px 4px  
4px 4px #D495F5; box-shadow:4px 4px 4px  
4px #D495F5 }
```

# Background

The CSS property to change the background color of an element to Hex D495F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D495F5 }
```

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

```
.background{ background-color:#D495F5 }
```

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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