

# Converting Colors

Hex(D65CA5)

Have a look what the booklet for  
Hex(D65CA5) contains.

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# **Color**

**Hex(D65CA5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D65CA5
RGB	214, 92, 165
RGB Percent	84%, 36%, 65%
CMY	0.1608, 0.6392, 0.3529
CMYK	0.00, 0.57, 0.23, 0.16
HSL	324°, 60%, 60%
HSV	324°, 57%, 84%
XYZ	38.3502, 24.6670, 38.3372
YIQ	136.8000, 49.2790, 48.5670

# Conversions

## Conversions Part 2

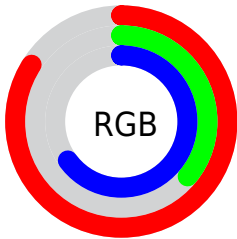
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 92, 165
Decimal	14048421
CIE Lab	56.75, 55.89, -15.80
CIE LCh	57, 58.084, 344.219
Yxy	24.6670, 0.3784, 0.2434
Android (android.graphics.Color)	4292238501 (0xFFD65CA5)
YUV	136.8000, 13.9026, 67.7044
Hunter-Lab	49.6659, 50.9159, -10.9999

# Details

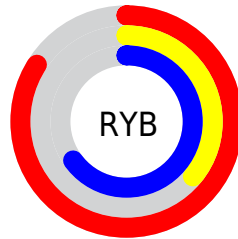
The Hex color **D65CA5** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **5CD68D**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF93DC**, and **9C2271** is the 20% darker color. If you saturate the color by 10%, you get **D6479C**, and if you desaturate by 10%, it is **D671AE**.

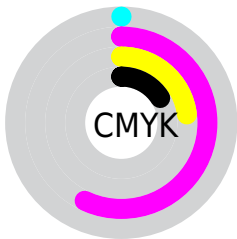
# Distribution



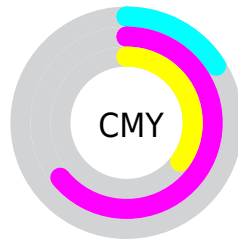
- Red (84%)
- Green (36%)
- Blue (65%)



- Red (84%)
- Yellow (36%)
- Blue (65%)



- Cyan (0%)
- Magenta (57%)
- Yellow (23%)
- Black (16%)



- Cyan (16%)
- Magenta (64%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D65CA5 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 D65CA5 by changing the saturation by 10% instead.



 D65CA5

 D65CA5

FFFFFF

 B9408B

 FF93DC

 9C2271

 FFAFF9

 800059

 FFCCFF

 640041

 FFE9FF

 49002B

 300016

 000000

 D65CA5

 D65CA5

 D6479C

 D671AE

 D63194

 D687B6

 D61C8B

 D69CBF

 D60683

 D6B2C7

 D60080

 D6C7D0

 D6DCD9

 D6F2E1

 D6FFEA

 D6FFF2

# Harmonies

## Analogous

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



A970D1



D65CA5



E45872

# Triad

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



D65CA5



8B8D17



009ECE

# Complementary

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



D65CA5



5CD68D

# 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.



00A09F



D65CA5



51983A

# Square

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



D65CA5



B87C1E



009E6B



0095E9

# Rectangle

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



D65CA5



DE6152



009E6B



009FC0



# Sweetspot

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



D65CA5



FFD4EE



8D5CD6



806675



000000



808080



# Same Dimension

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



D65CA5



FF52B9



D65C68



6B6067



AB0066



2B001A



# Inverse Universe

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



D65CA5



FF52B9



5CD6CA



6B6067



AB0066



2B001A



# Previews

## White Background



This preview shows how the Hex color D65CA5 looks on a white background.

## Color Contrast Check

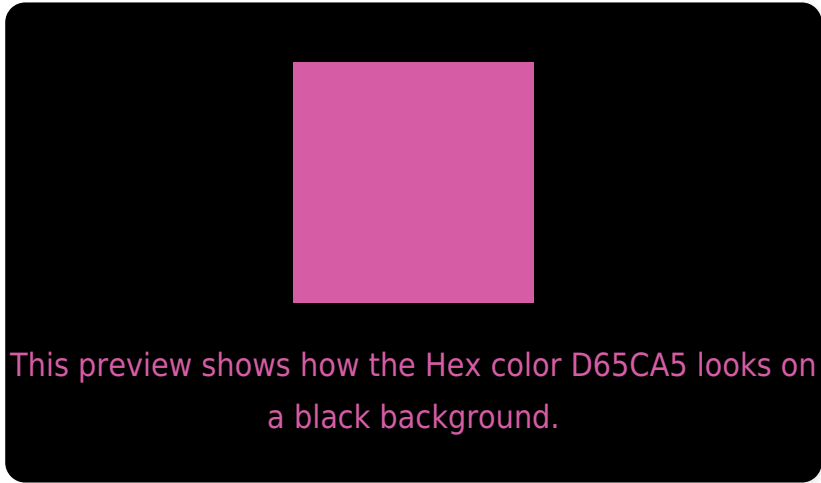
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 × Fail

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



## Hex D65CA5 Background



This preview shows how black text looks on a background with the Hex color D65CA5.

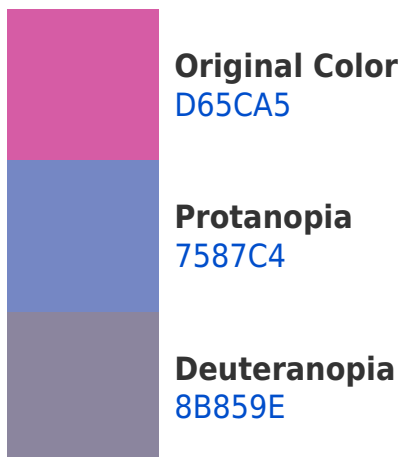


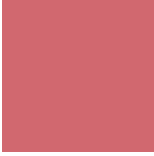
This preview shows how white text looks on a background with the Hex color D65CA5.

# 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](#).

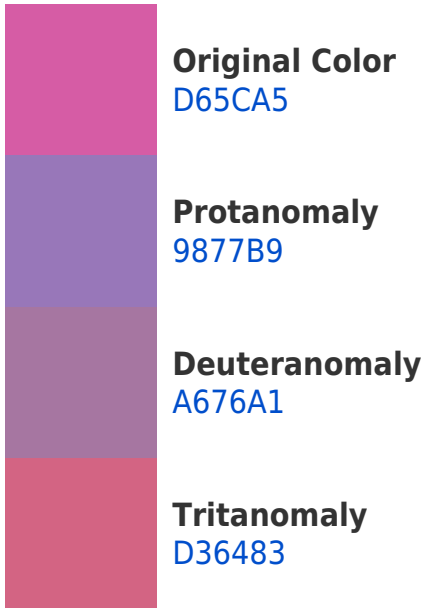
## Dichromacy



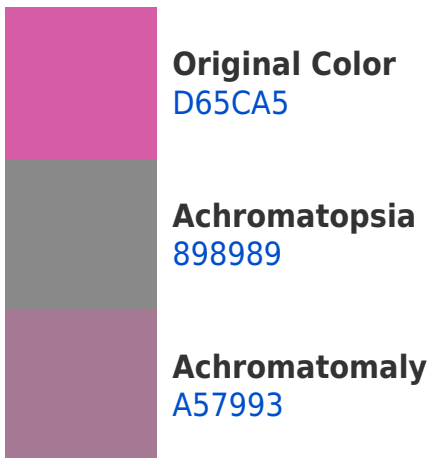


**Tritanopia**  
D1686F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D65CA5 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 #D65CA5 looks like.

```
.text, #text, p{  
    color:#D65CA5  
}
```

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 #D65CA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D65CA5
}
```

## Border

The CSS property to change the border of an element to Hex D65CA5 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
#D65CA5 }
```

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

```
.border{ border-color:#D65CA5 }
```

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

Here you see how a box with a 4 pixel #D65CA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D65CA5; -webkit-box-shadow:4px 4px  
4px 4px #D65CA5; box-shadow:4px 4px 4px  
4px #D65CA5 }
```

# Background

The CSS property to change the background color of an element to Hex D65CA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D65CA5 }
```

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

```
.background{ background-color:#D65CA5 }
```

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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