

# Converting Colors

Hex(DA65D5)

Have a look what the booklet for  
Hex(DA65D5) contains.

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# Color

**Hex(DA65D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DA65D5
RGB	218, 101, 213
RGB Percent	85%, 40%, 84%
CMY	0.1451, 0.6039, 0.1647
CMYK	0.00, 0.54, 0.02, 0.15
HSL	303°, 61%, 63%
HSV	303°, 54%, 85%
XYZ	45.5774, 29.0169, 66.1494
YIQ	148.7510, 33.7800, 59.6360

# Conversions

## Conversions Part 2

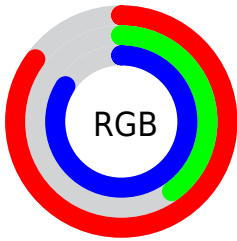
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">218, 101, 213</a>
Decimal	<a href="#">14312917</a>
CIELab	<a href="#">60.80, 60.34, -36.98</a>
CIELCh	<a href="#">61, 70.769, 328.496</a>
Yxy	<a href="#">29.0169, 0.3238, 0.2062</a>
Android (android.graphics.Color)	<a href="#">4292502997 (0xFFDA65D5)</a>
YUV	<a href="#">148.7510, 31.6748, 60.7314</a>
Hunter-Lab	<a href="#">53.8673, 56.7618, -35.1014</a>

# Details

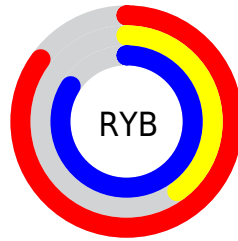
The Hex color **DA65D5** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **65DA6A**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **FF9DFF**, and **A02C9E** is the 20% darker color. If you saturate the color by 10%, you get **DA4FD4**, and if you desaturate by 10%, it is **DA7BD6**.

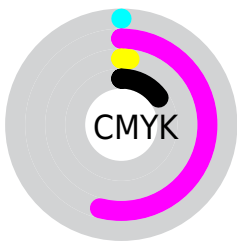
# Distribution



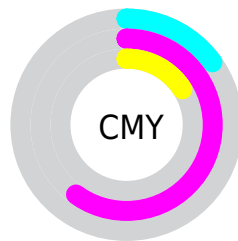
- Red (85%)
- Green (40%)
- Blue (84%)



- Red (85%)
- Yellow (40%)
- Blue (84%)



- Cyan (0%)
- Magenta (54%)
- Yellow (2%)
- Black (15%)



- Cyan (15%)
- Magenta (60%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DA65D5 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 DA65D5 by changing the saturation by 10% instead.



 DA65D5

 DA65D5

FFFFFF

 BD49B9

 FF9DFF

 A02C9E

 FFB9FF

 840083

 FFD6FF

 69006A

 FFF3FF

 4E0051

 36003A

 170023

 000009

 000000

 DA65D5

 DA65D5

 DA4FD4

 DA7BD6

 DA39D3

 DA91D7

 DA24D2

 DAA6D8

 DA0ED1

 DABCD9

 DA00D1

 DAD2DA

 DAE8DB

 DAFEDC

 DAFFDC

 DAFFDD

# Harmonies

## Analogous

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



8983FF



DA65D5



FE5099

# Triad

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



DA65D5



B28F00



00AFCD

# Complementary

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



DA65D5



65DA6A

# 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.



00AF8D



DA65D5



75A006

# Square

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



DA65D5



E17522



00AA4D



00A9FD

# Rectangle

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



DA65D5



FF536F



00AA4D



00AFB9



# Sweetspot

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



DA65D5



FFD6FD



6965DA



80677E



000000



808080



# Same Dimension

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



DA65D5



FF5CF8



DA659C



6E636D



AD00A6



2E002C



# Inverse Universe

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



DA65D5



FF5CF8



65DAA3



6E636D



AD00A6



2E002C



# Previews

## White Background



This preview shows how the Hex color DA65D5 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

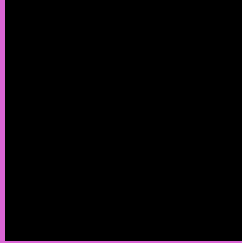
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex DA65D5 Background



This preview shows how black text looks on a background with the Hex color DA65D5.

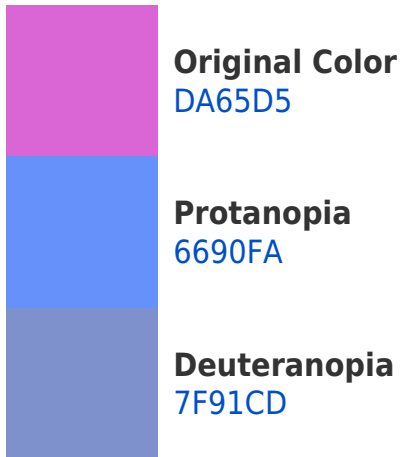



This preview shows how white text looks on a background with the Hex color DA65D5.

# 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](#).

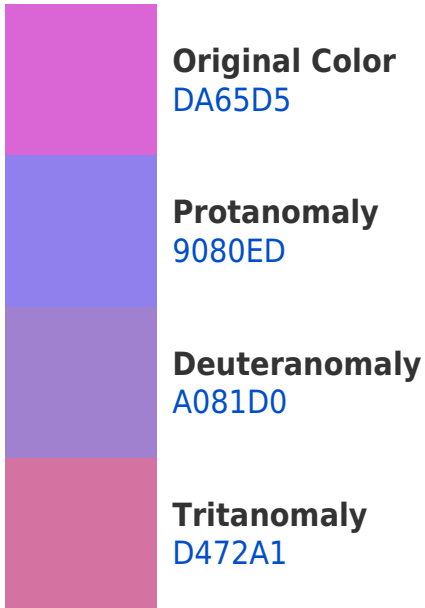
## Dichromacy



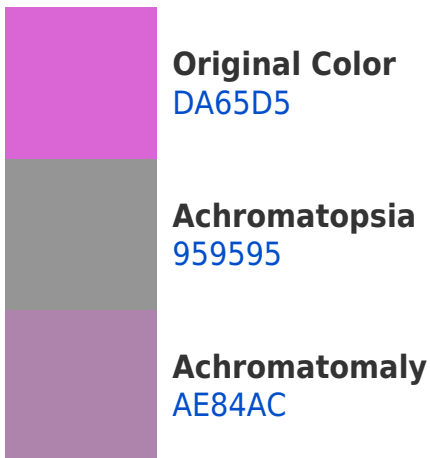


**Tritanopia**  
D07A83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex DA65D5 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 #DA65D5 looks like.

```
.text, #text, p{  
    color:#DA65D5  
}
```

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 #DA65D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA65D5
}
```

## Border

The CSS property to change the border of an element to Hex DA65D5 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
#DA65D5 }
```

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

```
.border{ border-color:#DA65D5 }
```

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

Here you see how a box with a 4 pixel #DA65D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA65D5; -webkit-box-shadow:4px 4px  
4px 4px #DA65D5; box-shadow:4px 4px 4px  
4px #DA65D5 }
```

# Background

The CSS property to change the background color of an element to Hex DA65D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA65D5 }
```

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

```
.background{ background-color:#DA65D5 }
```

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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