

Converting Colors

Hex(D565EA)

Have a look what the booklet for
Hex(D565EA) contains.

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Color

Hex(D565EA)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D565EA |
| RGB | 213, 101, 234 |
| RGB Percent | 84%, 40%, 92% |
| CMY | 0.1647, 0.6039, 0.0824 |
| CMYK | 0.09, 0.57, 0.00, 0.08 |
| HSL | 291°, 76%, 66% |
| HSV | 291°, 57%, 92% |
| XYZ | 46.9455, 29.3940, 81.0412 |
| YIQ | 149.6500, 24.0590, 65.1070 |

Conversions

Conversions Part 2

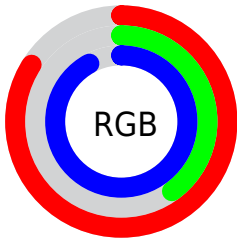
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 213, 101, 234 |
| Decimal | 13985258 |
| CIE Lab | 61.13, 62.79, -48.27 |
| CIE LCh | 61, 79.198, 322.447 |
| Yxy | 29.3940, 0.2983, 0.1868 |
| Android (android.graphics.Color) | 4292175338 (0xFFD565EA) |
| YUV | 149.6500, 41.5846, 55.5580 |
| Hunter-Lab | 54.2162, 59.6837, -50.6740 |

Details

The Hex color **D565EA** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **7AEA65**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FF9DFF**, and **9B2BB2** is the 20% darker color. If you saturate the color by 10%, you get **D14EEA**, and if you desaturate by 10%, it is **D97CEA**.

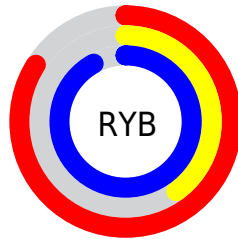
Distribution



Red (84%)

Green (40%)

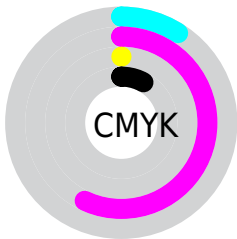
Blue (92%)



Red (84%)

Yellow (40%)

Blue (92%)

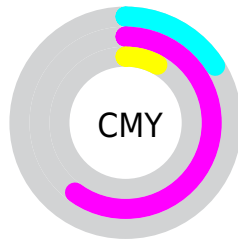


Cyan (9%)

Magenta (57%)

Yellow (0%)

Black (8%)



Cyan (16%)

Magenta (60%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color D565EA 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 D565EA by changing the saturation by 10% instead.

 D565EA

 D565EA

FFFFFF

 B849CD

 FF9DFF

 9B2BB2

 FFB9FF

 7F0096

 FFD6FF

 64007C

 FFF3FF

 480062

 2F004A

 0E0032

 00021C

 000000

 D565EA

 D565EA

 D14EEA

 D97CEA

 CE36EA

 DC94EA

 CA1FEA

 E0ABEA

 C607EA

 E4C3EA

 C500EA

 E7DAEA

 EBF1EA

 EFFFEA

 F3FFEA

 F6FFEA

Harmonies

Analogous

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



6589FF



D565EA



FF43A8

Triad

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



D565EA



C18A00



00B2C7

Complementary

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



D565EA



7AEA65

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.



00B17F



D565EA



7FA000

Square

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



D565EA



F26B1E



00AC35



00AEFF

Rectangle

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



D565EA



FF417A



00AC35



00B3B0

Sweetspot

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



D565EA



F8D4FF



657BEA



7B6680



000000



808080

Same Dimension

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



D565EA



E452FF



EA65BE



736A75



9800B5



2D0036

Inverse Universe

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



EA657A



FF526D



65EA91



756A6B



B5001D



360008

Previews

White Background



This preview shows how the Hex color D565EA 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

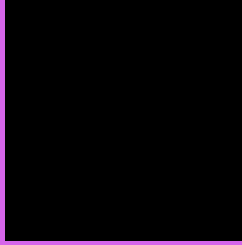
Any Text WCAG AA ✓ Pass

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 D565EA Background



This preview shows how black text looks on a background with the Hex color D565EA.

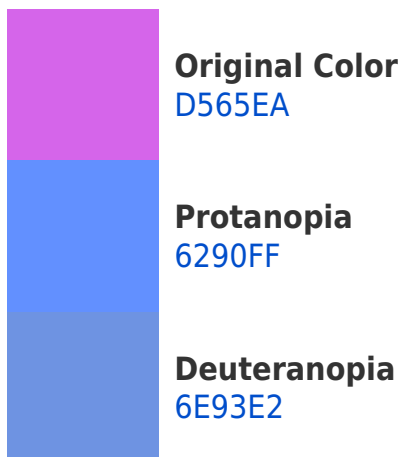


This preview shows how white text looks on a background with the Hex color D565EA.

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
C87F89

Trichromacy



Original Color
D565EA



Protanomaly
8C80F7



Deuteranomaly
9382E5



Tritanomaly
CD76AC

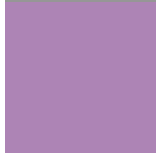
Monochromacy



Original Color
D565EA



Achromatopsia
969696



Achromatomaly
AD84B5

CSS Examples

Text

The CSS property to change the color of the text to Hex D565EA 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 #D565EA looks like.

```
.text, #text, p{  
    color:#D565EA  
}
```

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 #D565EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D565EA
}
```

Border

The CSS property to change the border of an element to Hex D565EA is called "border". The border property can be set on classes, ids or directly on the HTML element.

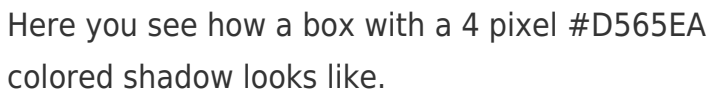
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D565EA }
```

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

```
.border{ border-color:#D565EA }
```

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



Here you see how a box with a 4 pixel #D565EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D565EA; -webkit-box-shadow:4px 4px  
4px 4px #D565EA; box-shadow:4px 4px 4px  
4px #D565EA }
```

Background

The CSS property to change the background color of an element to Hex D565EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D565EA }
```

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

```
.background{ background-color:#D565EA }
```

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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