

Converting Colors

Hex(D05EE2)

Have a look what the booklet for
Hex(D05EE2) contains.

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Color

Hex(D05EE2)

Conversions

Conversions Part 1

Format	Color
Hex	D05EE2
RGB	208, 94, 226
RGB Percent	82%, 37%, 89%
CMY	0.1843, 0.6314, 0.1137
CMYK	0.08, 0.58, 0.00, 0.11
HSL	292°, 69%, 63%
HSV	292°, 58%, 89%
XYZ	43.7426, 26.9063, 74.8394
YIQ	143.1340, 25.5720, 65.2200

Conversions

Conversions Part 2

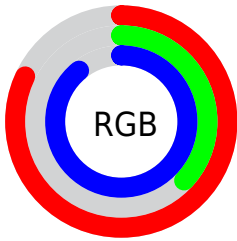
Format	Color
R _{YB}	208, 94, 226
Decimal	13655778
CIE _{Lab}	58.89, 63.24, -47.39
CIE _{LCh}	59, 79.027, 323.156
Yxy	26.9063, 0.3007, 0.1849
Android (android.graphics.Color)	4291845858 (0xFFD05EE2)
YUV	143.1340, 40.8529, 56.8875
Hunter-Lab	51.8713, 59.7528, -49.2332

Details

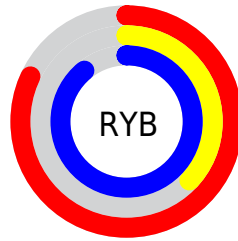
The Hex color **D05EE2** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted magenta. A complement of this color would be **70E25E**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **FF96FF**, and **9622AA** is the 20% darker color. If you saturate the color by 10%, you get **CD47E2**, and if you desaturate by 10%, it is **D375E2**.

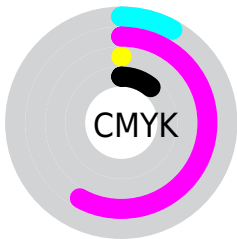
Distribution



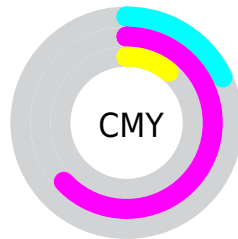
- Red (82%)
- Green (37%)
- Blue (89%)



- Red (82%)
- Yellow (37%)
- Blue (89%)



- Cyan (8%)
- Magenta (58%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (63%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color D05EE2 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 D05EE2 by changing the saturation by 10% instead.

 D05EE2

 D05EE2

FFFFFF

 B342C6

 FF96FF

 9622AA

 FFB2FF

 7A008F

 FFCFFF

 5F0075

 FFECFF

 44005C

 2B0044

 01002C

 000116

 000000

 D05EE2

 D05EE2

 CD47E2

 D375E2

 CA31E2

 D68BE2

 C71AE2

 D9A2E2

 C404E2

 DCB8E2

 C300E2

 DFCFE2

 E2E6E2

 E6FCE2

 E9FFE2

 ECFE2

Harmonies

Analogous

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



6182FF



D05EE2



FF3BA1

Triad

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



D05EE2



B88500



00ACC3

Complementary

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



D05EE2



70E25E

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.



00AB7B



D05EE2



779A00

Square

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



D05EE2



E96615



00A631



00A8FD

Rectangle

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



D05EE2



FF3A72



00A631



00ACAB

Sweetspot

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



D05EE2



F9D1FF



5E72E2



7C6380



000000



808080

Same Dimension

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



D05EE2



E74DFF



E25EB4



6F6570



9800B0



2A0030

Inverse Universe

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



E25E70



FF4D65



5EE28C



706567



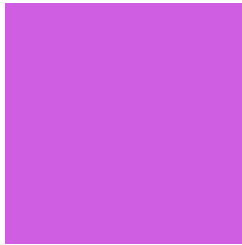
B00018



300007

Previews

White Background



This preview shows how the Hex color D05EE2 looks on a white background.

Color Contrast Check

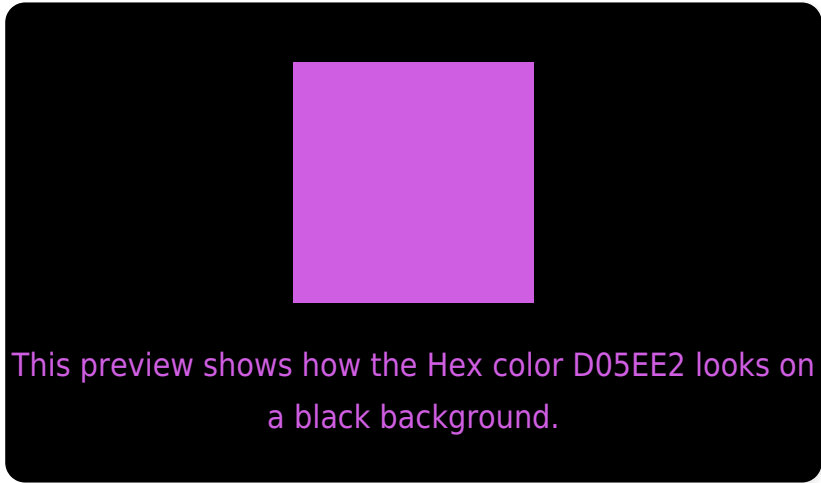
Large Text (above 18pt) WCAG AA ✓ Pass

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

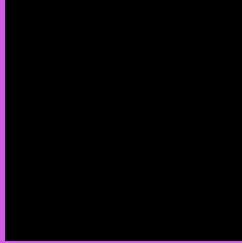
Any Text WCAG AA ✓ Pass

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 D05EE2 Background



This preview shows how black text looks on a background with the Hex color D05EE2.

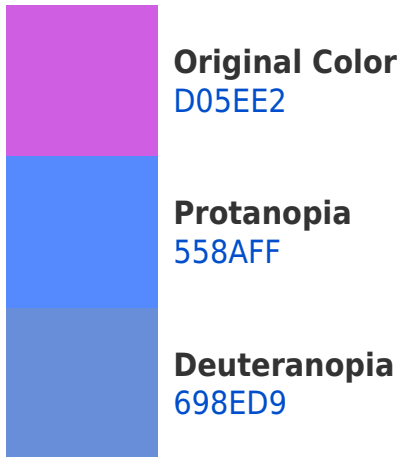


This preview shows how white text looks on a background with the Hex color D05EE2.

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
C37881

Trichromacy



Original Color
D05EE2



Protanomaly
827AF4



Deuteranomaly
8E7DDC



Tritanomaly
C86FA4

Monochromacy



Original Color
D05EE2



Achromatopsia
8F8F8F



Achromatomaly
A77DAD

CSS Examples

Text

The CSS property to change the color of the text to Hex D05EE2 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 #D05EE2 looks like.

```
.text, #text, p{  
    color:#D05EE2  
}
```

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 #D05EE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D05EE2
}
```

Border

The CSS property to change the border of an element to Hex D05EE2 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
#D05EE2 }
```

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

```
.border{ border-color:#D05EE2 }
```

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

Here you see how a box with a 4 pixel #D05EE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D05EE2; -webkit-box-shadow:4px 4px  
4px 4px #D05EE2; box-shadow:4px 4px 4px  
4px #D05EE2 }
```

Background

The CSS property to change the background color of an element to Hex D05EE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D05EE2 }
```

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

```
.background{ background-color:#D05EE2 }
```

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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