

Converting Colors

Hex(D005EC)

Have a look what the booklet for
Hex(D005EC) contains.

Hex(D005EC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D005EC)

Conversions

Conversions Part 1

Format	Color
Hex	D005EC
RGB	208, 5, 236
RGB Percent	82%, 2%, 93%
CMY	0.1843, 0.9804, 0.0745
CMYK	0.12, 0.98, 0.00, 0.07
HSL	293°, 96%, 47%
HSV	293°, 98%, 93%
XYZ	41.2070, 19.5746, 80.9633
YIQ	92.0310, 46.8370, 114.8770

Conversions

Conversions Part 2

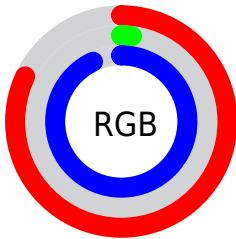
Format	Color
R_{YB}	208, 5, 236
Decimal	13633004
CIE _{Lab}	51.35, 88.11, -65.07
CIE _{LCh}	51, 109.533, 323.556
Yxy	19.5746, 0.2907, 0.1381
Android (android.graphics.Color)	4291823084 (0xFFD005EC)
YUV	92.0310, 70.9767, 101.7048
Hunter-Lab	44.2432, 88.8251, -77.5282

Details

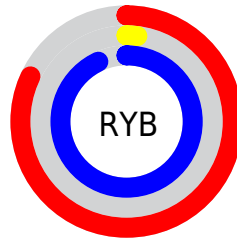
The Hex color **D005EC** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **21EC05**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF61FF**, and **9400B3** is the 20% darker color. If you saturate the color by 10%, you get **CF00EC**, and if you desaturate by 10%, it is **D31DEC**.

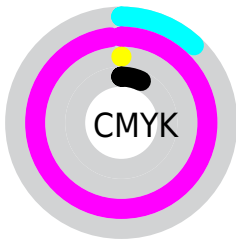
Distribution



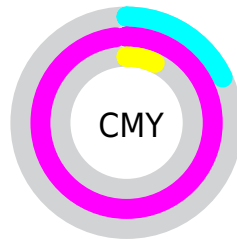
- Red (82%)
- Green (2%)
- Blue (93%)



- Red (82%)
- Yellow (2%)
- Blue (93%)



- Cyan (12%)
- Magenta (98%)
- Yellow (0%)
- Black (7%)



- Cyan (18%)
- Magenta (98%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color D005EC 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 D005EC by changing the saturation by 10% instead.

 D005EC

 D005EC

FFFFFF

 B200CF

 FF61FF

 9400B3

 FF80FF

 760098

 FF9EFF

 59007D

 FFBDFF

 3D0063

 FFDBFF

 1A004A

 FFF9FF

 000032

 00021C

 000000

 D005EC

 D005EC

 CF00EC

 D31DEC

 D634EC

 D94CEC

 DB63EC

 DE7BEC

 E193EC

 E4AAEC

 E7C2EC

 EAD9EC

Harmonies

Analogous

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



006CFF



D005EC



FF0093

Triad

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



D005EC



A67000



009EC4

Complementary

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



D005EC



21EC05

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.



009B63



D005EC



4A8B00

Square

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



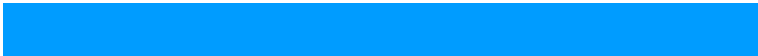
D005EC



E83600



009600



009CFF

Rectangle

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



D005EC



FF0056



009600



009DA4

Sweetspot

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



D005EC



F6B5FF



0524EC



7A5380



000000



808080

Same Dimension

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



D005EC



E000FF



EC0597



746A75



9F00B5



2F0036

Inverse Universe

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



EC0521



FF001F



05EC5A



756A6B



B50016



360006

Previews

White Background



This preview shows how the Hex color D005EC looks on a white background.

Color Contrast Check

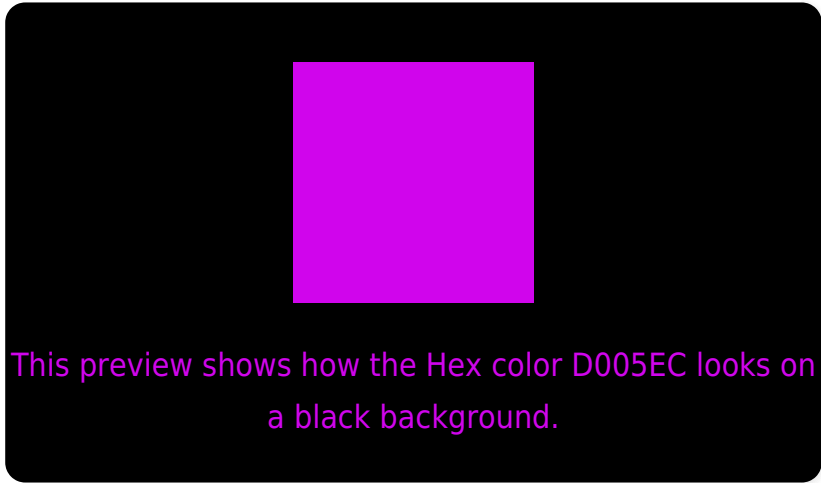
Large Text (above 18pt) WCAG AA ✓ Pass

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

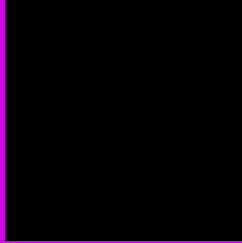
Any Text WCAG AA ✓ Pass

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 D005EC Background



This preview shows how black text looks on a background with the Hex color D005EC.



This preview shows how white text looks on a background with the Hex color D005EC.

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



Original Color
D005EC

Protanopia
0077FC

Deuteranopia
147EDE



Tritanopia
BF5D63

Trichromacy



Original Color
D005EC



Protanomaly
4C4EF6



Deuteranomaly
5852E3

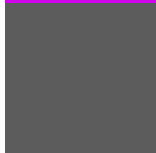


Tritanomaly
C53D95

Monochromacy



Original Color
D005EC



Achromatopsia
5C5C5C



Achromatomaly
863C90

CSS Examples

Text

The CSS property to change the color of the text to Hex D005EC 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 #D005EC looks like.

```
.text, #text, p{  
    color:#D005EC  
}
```

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 #D005EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D005EC
}
```

Border

The CSS property to change the border of an element to Hex D005EC 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
#D005EC }
```

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

```
.border{ border-color:#D005EC }
```

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

Here you see how a box with a 4 pixel #D005EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D005EC; -webkit-box-shadow:4px 4px  
4px 4px #D005EC; box-shadow:4px 4px 4px  
4px #D005EC }
```

Background

The CSS property to change the background color of an element to Hex D005EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D005EC }
```

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

```
.background{ background-color:#D005EC }
```

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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