

Converting Colors

Hex(D610EB)

Have a look what the booklet for
Hex(D610EB) contains.

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Color

Hex(D610EB)

Conversions

Conversions Part 1

Format	Color
Hex	D610EB
RGB	214, 16, 235
RGB Percent	84%, 6%, 92%
CMY	0.1608, 0.9373, 0.0784
CMYK	0.09, 0.93, 0.00, 0.08
HSL	294°, 87%, 49%
HSV	294°, 93%, 92%
XYZ	42.9122, 20.6649, 80.3243
YIQ	100.1680, 47.7090, 110.0850

Conversions

Conversions Part 2

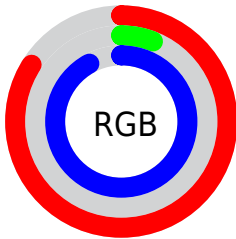
Format	Color
R _Y B	214, 16, 235
Decimal	14029035
CIE Lab	52.58, 87.97, -62.47
CIE LCh	53, 107.894, 324.619
Yxy	20.6649, 0.2982, 0.1436
Android (android.graphics.Color)	4292219115 (0xFFD610EB)
YUV	100.1680, 66.4722, 99.8307
Hunter-Lab	45.4586, 88.9486, -72.9429

Details

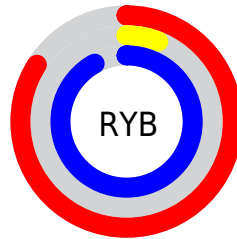
The Hex color **D610EB** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **25EB10**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF64FF**, and **9A00B2** is the 20% darker color. If you saturate the color by 10%, you get **D400EB**, and if you desaturate by 10%, it is **D828EB**.

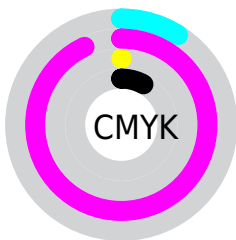
Distribution



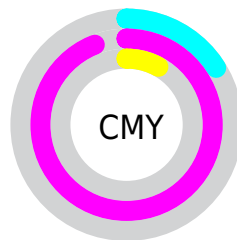
- Red (84%)
- Green (6%)
- Blue (92%)



- Red (84%)
- Yellow (6%)
- Blue (92%)



- Cyan (9%)
- Magenta (93%)
- Yellow (0%)
- Black (8%)



- Cyan (16%)
- Magenta (94%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color D610EB 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 D610EB by changing the saturation by 10% instead.

 D610EB

 D610EB

FFFFFF

 B800CE

 FF64FF

 9A00B2

 FF83FF

 7C0097

 FFA2FF

 5F007C

 FFC0FF

 420062

 FFDEFF

 230049

 FFFDFF

 000031

 00011B

 000000

 D610EB

 D610EB


 D400EB

 D828EB

 DB3FEB

 DD57EB

 DF6EEB

 E186EB

 E49DEB

 E6B5EB

 E8CCEB

 EAE3EB

Harmonies

Analogous

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



006DFF



D610EB



FF0093

Triad

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



D610EB



A77500



00A1C9

Complementary

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



D610EB



25EB10

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.



009F69



D610EB



4B8E00

Square

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



D610EB



E93F00



009A00



009EFF

Rectangle

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



D610EB



FF0056



009A00



00A0AA

Sweetspot

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



D610EB



F8B8FF



1026EB



7B5480



000000



808080

Same Dimension

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



D610EB



E700FF



EB1093



746A75



A400B5



300036

Inverse Universe

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



EB1025



FF0018



10EB68



756A6B



B50011



360005

Previews

White Background



This preview shows how the Hex color D610EB looks on a white background.

Color Contrast Check

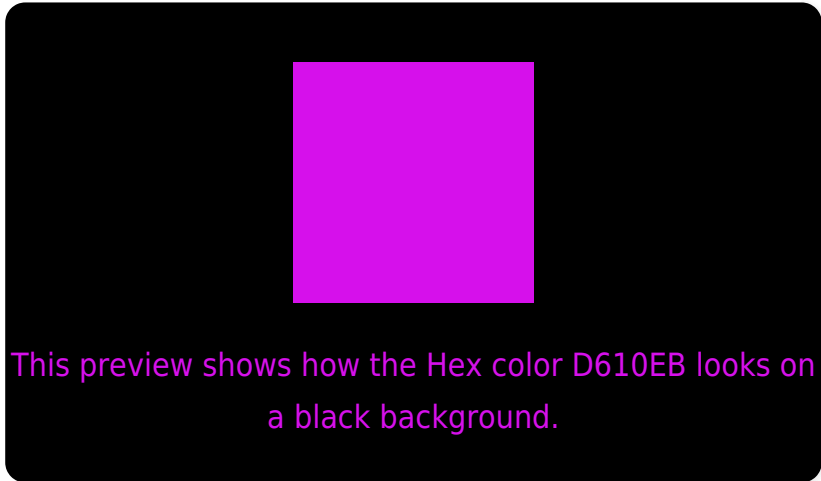
Large Text (above 18pt) WCAG AA ✓ Pass

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

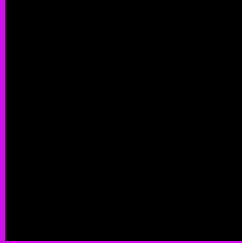
Any Text WCAG AA ✓ Pass

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 D610EB Background



This preview shows how black text looks on a background with the Hex color D610EB.

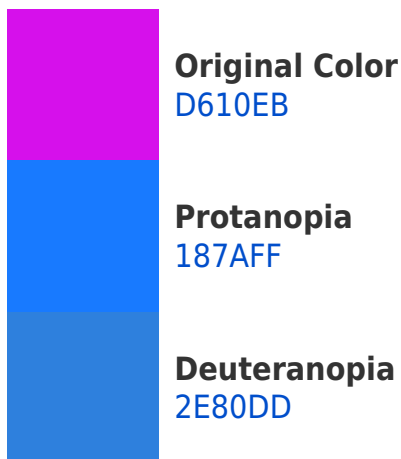



This preview shows how white text looks on a background with the Hex color D610EB.

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
C55D63

Trichromacy



Original Color
D610EB



Protanomaly
5D53F8



Deuteranomaly
6B57E2



Tritanomaly
CB4194

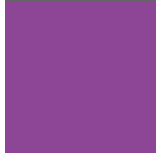
Monochromacy



Original Color
D610EB



Achromatopsia
646464



Achromatomaly
8D4595

CSS Examples

Text

The CSS property to change the color of the text to Hex D610EB 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 #D610EB looks like.

```
.text, #text, p{  
    color:#D610EB  
}
```

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 #D610EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D610EB
}
```

Border

The CSS property to change the border of an element to Hex D610EB 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".

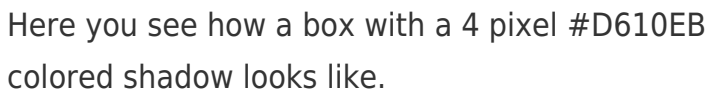
```
.border, #border, table{ border:4px solid
#D610EB }
```

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

```
.border{ border-color:#D610EB }
```

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

Here you see how a box with a 4 pixel #D610EB colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D610EB; -webkit-box-shadow:4px 4px  
4px 4px #D610EB; box-shadow:4px 4px 4px  
4px #D610EB }
```

Background

The CSS property to change the background color of an element to Hex D610EB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D610EB }
```

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

```
.background{ background-color:#D610EB }
```

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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