

Converting Colors

Hex(E01FD6)

Have a look what the booklet for
Hex(E01FD6) contains.

Hex(E01FD6)	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(E01FD6)

Conversions

Conversions Part 1

Format	Color
Hex	E01FD6
RGB	224, 31, 214
RGB Percent	88%, 12%, 84%
CMY	0.1216, 0.8784, 0.1608
CMYK	0.00, 0.86, 0.04, 0.12
HSL	303°, 76%, 50%
HSV	303°, 86%, 88%
XYZ	43.3681, 21.6823, 65.5177
YIQ	109.5690, 56.2850, 97.8290

Conversions

Conversions Part 2

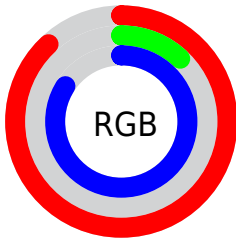
Format	Color
R _Y B	224, 31, 214
Decimal	14688214
CIE Lab	53.69, 84.55, -48.70
CIE LCh	54, 97.569, 330.060
Yxy	21.6823, 0.3321, 0.1661
Android (android.graphics.Color)	4292878294 (0xFFE01FD6)
YUV	109.5690, 51.4845, 100.3560
Hunter-Lab	46.5643, 84.7602, -50.8283

Details

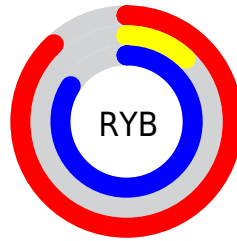
The Hex color **E01FD6** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **1FE029**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **FF6AFF**, and **A4009E** is the 20% darker color. If you saturate the color by 10%, you get **E009D5**, and if you desaturate by 10%, it is **E035D7**.

Distribution



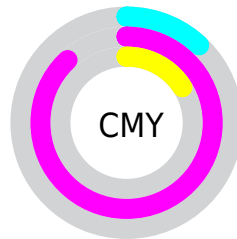
- Red (88%)
- Green (12%)
- Blue (84%)



- Red (88%)
- Yellow (12%)
- Blue (84%)



- Cyan (0%)
- Magenta (86%)
- Yellow (4%)
- Black (12%)



- Cyan (12%)
- Magenta (88%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color E01FD6 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 E01FD6 by changing the saturation by 10% instead.

 E01FD6

 E01FD6

FFFFFF

 C200BA

 FF6AFF

 A4009E

 FF89FF

 870084

 FFA7FF

 6A006A

 FFC5FF

 4E0051

 FFE3FF

 310039

 0C0022

 000008

 000000

 E01FD6

 E01FD6

 E009D5

 E035D7

 E000D4

 E04CD8

 E062D9

 E079DB

 E08FDC

 E0A5DD

 E0BCDE

 E0D2DF

 E0E9E0

Harmonies

Analogous

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



6769FF



E01FD6



FF0084

Triad

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



E01FD6



9C7E00



00A2D3

Complementary

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



E01FD6



1FE029

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.



00A17E



E01FD6



439300

Square

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



E01FD6



DC5600



009C1D



009DFF

Rectangle

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



E01FD6



FF004D



009C1D



00A2B8

Sweetspot

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



E01FD6



FFBDFC



291FE0



80587D



000000



808080

Same Dimension

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



E01FD6



FF00F2



E01F76



706570



B000A7



30002E

Inverse Universe

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



E01FD6



FF00F2



1FE089



706570



B000A7



30002E

Previews

White Background



This preview shows how the Hex color E01FD6 looks on a white background.

Color Contrast Check

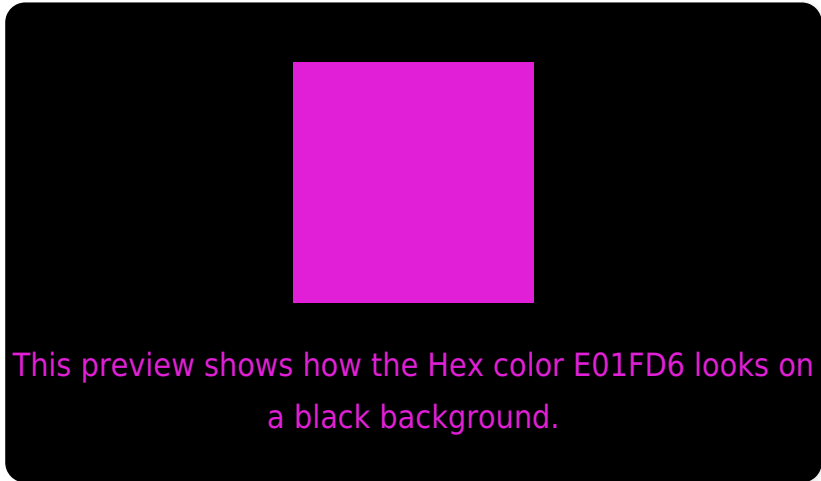
Large Text (above 18pt) WCAG AA ✓ Pass

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

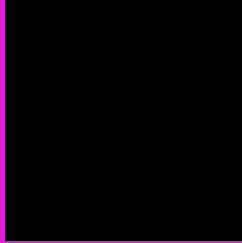
Any Text WCAG AA ✓ Pass

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 E01FD6 Background



This preview shows how black text looks on a background with the Hex color E01FD6.

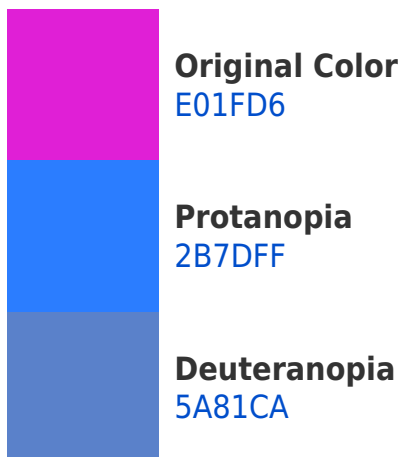



This preview shows how white text looks on a background with the Hex color E01FD6.

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
D4585D

Trichromacy



Original Color
E01FD6



Protanomaly
6D5BF0



Deuteranomaly
8B5DCE



Tritanomaly
D84389

Monochromacy



Original Color
E01FD6



Achromatopsia
6E6E6E



Achromatomaly
975194

CSS Examples

Text

The CSS property to change the color of the text to Hex E01FD6 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 #E01FD6 looks like.

```
.text, #text, p{  
    color:#E01FD6  
}
```

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 #E01FD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E01FD6
}
```

Border

The CSS property to change the border of an element to Hex E01FD6 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
#E01FD6 }
```

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

```
.border{ border-color:#E01FD6 }
```

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

Here you see how a box with a 4 pixel #E01FD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E01FD6; -webkit-box-shadow:4px 4px  
4px 4px #E01FD6; box-shadow:4px 4px 4px  
4px #E01FD6 }
```

Background

The CSS property to change the background color of an element to Hex E01FD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E01FD6 }
```

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

```
.background{ background-color:#E01FD6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor