

Converting Colors

Hex(E021D3)

Have a look what the booklet for
Hex(E021D3) contains.

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Color

Hex(E021D3)

Conversions

Conversions Part 1

Format	Color
Hex	E021D3
RGB	224, 33, 211
RGB Percent	88%, 13%, 83%
CMY	0.1216, 0.8706, 0.1725
CMYK	0.00, 0.85, 0.06, 0.12
HSL	304°, 75%, 50%
HSV	304°, 85%, 88%
XYZ	43.0422, 21.6382, 63.5360
YIQ	110.4010, 56.6980, 95.8500

Conversions

Conversions Part 2

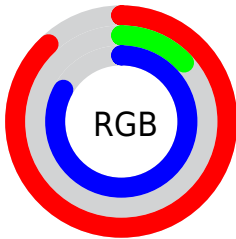
Format	Color
R_{YB}	224, 33, 211
Decimal	14688723
CIE _{Lab}	53.64, 83.79, -47.06
CIE _{LCh}	54, 96.096, 330.680
Yxy	21.6382, 0.3357, 0.1688
Android (android.graphics.Color)	4292878803 (0xFFE021D3)
YUV	110.4010, 49.5953, 99.6263
Hunter-Lab	46.5168, 83.7623, -48.4208

Details

The Hex color **E021D3** 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 **21E02E**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF6BFF**, and **A4009C** is the 20% darker color. If you saturate the color by 10%, you get **E00BD1**, and if you desaturate by 10%, it is **E037D5**.

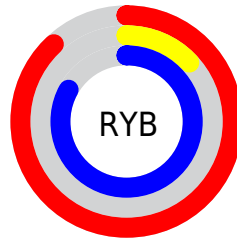
Distribution



Red (88%)

Green (13%)

Blue (83%)



Red (88%)

Yellow (13%)

Blue (83%)

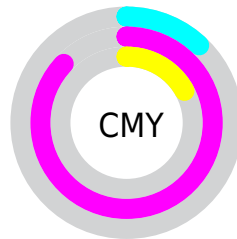


Cyan (0%)

Magenta (85%)

Yellow (6%)

Black (12%)



Cyan (12%)

Magenta (87%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color E021D3 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 E021D3 by changing the saturation by 10% instead.

 E021D3

 E021D3

FFFFFF

 C200B7

 FF6BFF

 A4009C

 FF89FF

 870081

 FFA8FF

 6A0067

 FFC6FF

 4E004F

 FFE4FF

 310037

 0C0020

 000004

 000000

 E021D3

 E021D3

 E00BD1

 E037D5

 E000D1

 E04ED6

 E064D8

 E07BD9

 E091DB

 E0A7DC

 E0BEDE

 E0D4DF

 E0EBE1

Harmonies

Analogous

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



6C68FF



E021D3



FF0082

Triad

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



E021D3



9B7E00



00A1D4

Complementary

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



E021D3



21E02E

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.



00A080



E021D3



429200

Square

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



E021D3



D95800



009C22



009CFF

Rectangle

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



E021D3



FF004C



009C22



00A1B9

Sweetspot

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



E021D3



FFBDFA



2E21E0



80587D



000000



808080

Same Dimension

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



E021D3



FF00EE



E02174



70656F



B000A4



30002D

Inverse Universe

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



E021D3



FF00EE



21E08D



70656F



B000A4



30002D

Previews

White Background



This preview shows how the Hex color E021D3 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

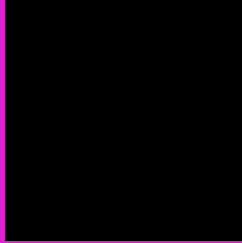
Any Text WCAG AA ✓ Pass

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 E021D3 Background



This preview shows how black text looks on a background with the Hex color E021D3.

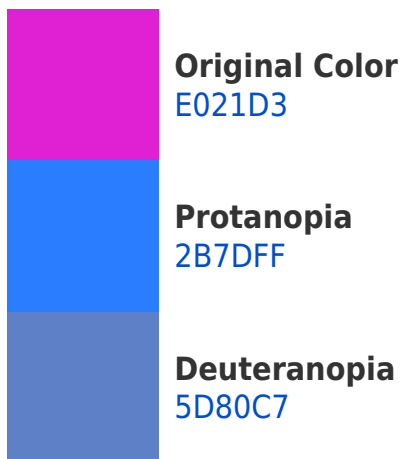



This preview shows how white text looks on a background with the Hex color E021D3.

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
D4575D

Trichromacy



Original Color
E021D3



Protanomaly
6D5CEF



Deuteranomaly
8D5DCB

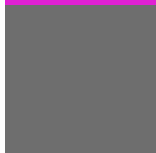


Tritanomaly
D84388

Monochromacy



Original Color
E021D3



Achromatopsia
6E6E6E



Achromatomaly
975293

CSS Examples

Text

The CSS property to change the color of the text to Hex E021D3 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 #E021D3 looks like.

```
.text, #text, p{  
    color:#E021D3  
}
```

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 #E021D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E021D3
}
```

Border

The CSS property to change the border of an element to Hex E021D3 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
#E021D3 }
```

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

```
.border{ border-color:#E021D3 }
```

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

Here you see how a box with a 4 pixel #E021D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E021D3; -webkit-box-shadow:4px 4px  
4px 4px #E021D3; box-shadow:4px 4px 4px  
4px #E021D3 }
```

Background

The CSS property to change the background color of an element to Hex E021D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E021D3 }
```

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

```
.background{ background-color:#E021D3 }
```

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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