

Converting Colors

Hex(E2016D)

Have a look what the booklet for
Hex(E2016D) contains.

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Color

Hex(E2016D)

Conversions

Conversions Part 1

Format	Color
Hex	E2016D
RGB	226, 1, 109
RGB Percent	89%, 0%, 43%
CMY	0.1137, 0.9961, 0.5725
CMYK	0.00, 1.00, 0.52, 0.11
HSL	331°, 99%, 45%
HSV	331°, 100%, 89%
XYZ	34.1352, 17.2946, 16.0071
YIQ	80.5870, 99.4320, 81.2880

Conversions

Conversions Part 2

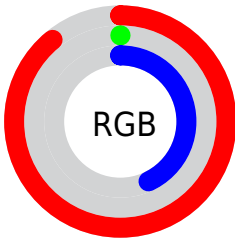
Format	Color
R_{YB}	226, 1, 109
Decimal	14811501
CIE _{Lab}	48.63, 76.83, 5.87
CIE _{LCh}	49, 77.056, 4.372
Yxy	17.2946, 0.5062, 0.2565
Android (android.graphics.Color)	4293001581 (0xFFE2016D)
YUV	80.5870, 14.0076, 127.5272
Hunter-Lab	41.5868, 73.7394, 6.2896

Details

The Hex color **E2016D** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **01E276**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF5DA0**, and **A4003E** is the 20% darker color. If you saturate the color by 10%, you get **E2006C**, and if you desaturate by 10%, it is **E21879**.

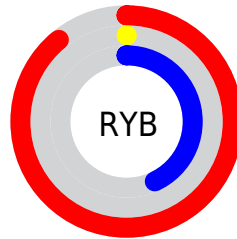
Distribution



Red (89%)

Green (0%)

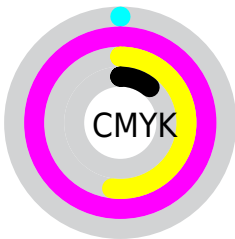
Blue (43%)



Red (89%)

Yellow (0%)

Blue (43%)

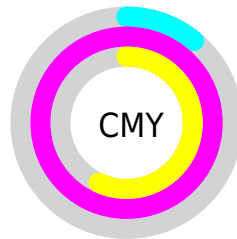


Cyan (0%)

Magenta (100%)

Yellow (52%)

Black (11%)



Cyan (11%)

Magenta (100%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color E2016D 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 E2016D by changing the saturation by 10% instead.

 E2016D

 E2016D

FFFFFF

 C30055

 FF5DA0

 A4003E

 FF7CBB

 850029

 FF9AD7

 660015

 FFB8F3

 490004

 FFD6FF

 290001

 FFF4FF

 000000

 E2016D

 E2016D

 E2006C

 E21879

 E22E85

 E24590

 E25B9C

 E272A8

 E289B4

 E29FBF

 E2B6CB

 E2CCD7

Harmonies

Analogous

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



C631AD



E2016D



DA312D

Triad

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



E2016D



3D8400



0089EA

Complementary

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



E2016D



01E276

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.



008EBC



E2016D



008B36

Square

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



E2016D



847400



008F7C



0079F7

Rectangle

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



E2016D



C54E00



008F7C



008BDE

Sweetspot

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



E2016D



FFB3D7



7501E2



805268



000000



808080

Same Dimension

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



E2016D



FF007A



E20501



70656A



B00054



300017

Inverse Universe

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



E2016D



FF007A



01DEE2



70656A



B00054



300017

Previews

White Background



This preview shows how the Hex color E2016D looks on a white background.

Color Contrast Check

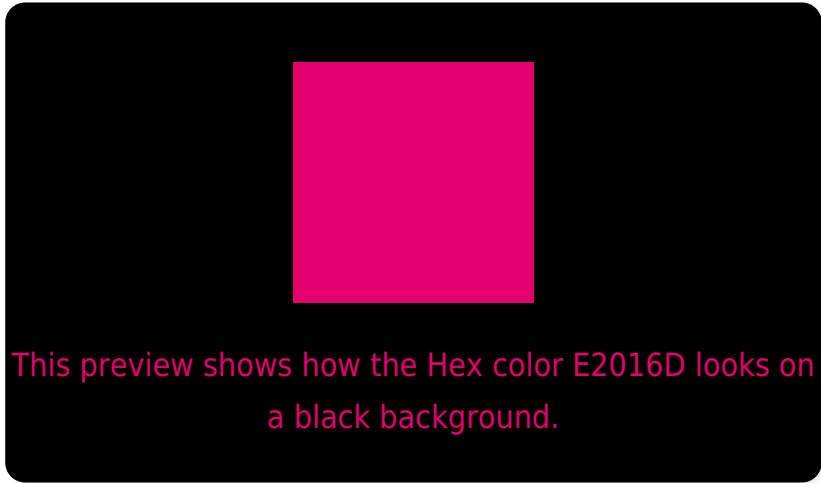
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex E2016D Background



This preview shows how black text looks on a background with the Hex color E2016D.



This preview shows how white text looks on a background with the Hex color E2016D.

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
E2016D

Protanopia
69749E

Deuteranopia
877164

Trichromacy



Original Color
E2016D



Protanomaly
954A8C



Deuteranomaly
A84867



Tritanomaly
E01C43

Monochromacy



Original Color
E2016D



Achromatopsia
515151



Achromatomaly
86345B

CSS Examples

Text

The CSS property to change the color of the text to Hex E2016D 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 #E2016D looks like.

```
.text, #text, p{  
    color:#E2016D  
}
```

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 #E2016D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E2016D
}
```

Border

The CSS property to change the border of an element to Hex E2016D 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
#E2016D }
```

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

```
.border{ border-color:#E2016D }
```

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

Here you see how a box with a 4 pixel #E2016D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E2016D; -webkit-box-shadow:4px 4px  
4px 4px #E2016D; box-shadow:4px 4px 4px  
4px #E2016D }
```

Background

The CSS property to change the background color of an element to Hex E2016D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E2016D }
```

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

```
.background{ background-color:#E2016D }
```

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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