

Converting Colors

Hex(E01166)

Have a look what the booklet for
Hex(E01166) contains.

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Color

Hex(E01166)

Conversions

Conversions Part 1

Format	Color
Hex	E01166
RGB	224, 17, 102
RGB Percent	88%, 7%, 40%
CMY	0.1216, 0.9333, 0.6000
CMYK	0.00, 0.92, 0.54, 0.12
HSL	335°, 86%, 47%
HSV	335°, 92%, 88%
XYZ	33.3392, 17.2075, 14.1346
YIQ	88.5830, 96.0870, 70.3190

Conversions

Conversions Part 2

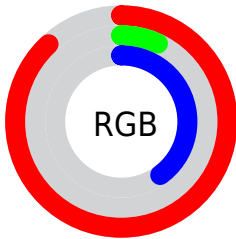
Format	Color
R_{YB}	224, 17, 102
Decimal	14684518
CIE _{Lab}	48.52, 74.52, 9.97
CIE _{LCh}	49, 75.181, 7.624
Yxy	17.2075, 0.5154, 0.2660
Android (android.graphics.Color)	4292874598 (0xFFE01166)
YUV	88.5830, 6.6146, 118.7607
Hunter-Lab	41.4819, 70.8678, 8.8348

Details

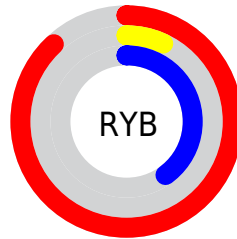
The Hex color **E01166** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **11E08B**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF6099**, and **A10038** is the 20% darker color. If you saturate the color by 10%, you get **E0005C**, and if you desaturate by 10%, it is **E02773**.

Distribution



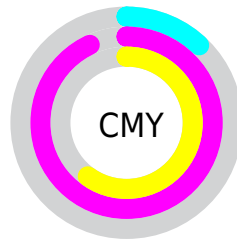
- Red (88%)
- Green (7%)
- Blue (40%)



- Red (88%)
- Yellow (7%)
- Blue (40%)



- Cyan (0%)
- Magenta (92%)
- Yellow (54%)
- Black (12%)



- Cyan (12%)
- Magenta (93%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color E01166 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 E01166 by changing the saturation by 10% instead.

 E01166

 E01166

FFFFFF

 C1004E

 FF6099

 A10038

 FF7EB3

 830023

 FF9CCF

 64000D

 FFBAEB

 470004

 FFD8FF

 260001

 FFF6FF

 000000

 E01166

 E01166

 E0005C

 E02773

 E03E80

 E0548E

 E06B9B

 E081A8

 E097B5

 E0AEC2

 E0C4D0

 E0DBDD

Harmonies

Analogous

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



C92FA5



E01166



D53928

Triad

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



E01166



348400



0087EA

Complementary

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



E01166



11E08B

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.



008DC0



E01166



008B3F

Square

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



E01166



7E7600



008E82



0077F3

Rectangle

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



E01166



BF5300



008E82



008ADF

Sweetspot

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



E01166



FFB8D5



8A11E0



805466



000000



808080

Same Dimension

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



E01166



FF0069



E02211



70656A



B00048



300014

Inverse Universe

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



E01166



FF0069



11CFE0



70656A



B00048



300014

Previews

White Background



This preview shows how the Hex color E01166 looks on a white background.

Color Contrast Check

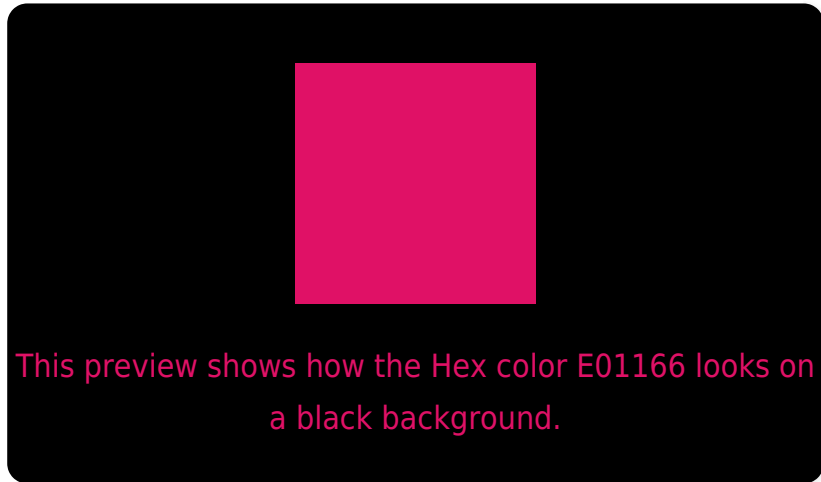
Large Text (above 18pt) WCAG AA ✓ Pass

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 E01166 Background



This preview shows how black text looks on a background with the Hex color E01166.

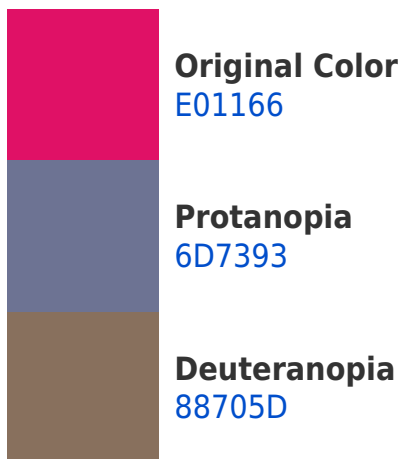


This preview shows how white text looks on a background with the Hex color E01166.

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



Trichromacy



Original Color
E01166



Protanomaly
974F83



Deuteranomaly
A84D60

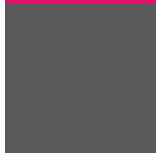


Tritanomaly
DF2240

Monochromacy



Original Color
E01166



Achromatopsia
595959



Achromatomaly
8A3F5E

CSS Examples

Text

The CSS property to change the color of the text to Hex E01166 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 #E01166 looks like.

```
.text, #text, p{  
    color:#E01166  
}
```

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 #E01166 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E01166
}
```

Border

The CSS property to change the border of an element to Hex E01166 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
#E01166 }
```

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

```
.border{ border-color:#E01166 }
```

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

Here you see how a box with a 4 pixel #E01166 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E01166; -webkit-box-shadow:4px 4px  
4px 4px #E01166; box-shadow:4px 4px 4px  
4px #E01166 }
```

Background

The CSS property to change the background color of an element to Hex E01166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E01166 }
```

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

```
.background{ background-color:#E01166 }
```

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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