

Converting Colors

Hex(EA0066)

Have a look what the booklet for
Hex(EA0066) contains.

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Color

Hex(EA0066)

Conversions

Conversions Part 1

Format	Color
Hex	EA0066
RGB	234, 0, 102
RGB Percent	92%, 0%, 40%
CMY	0.0824, 1.0000, 0.6000
CMYK	0.00, 1.00, 0.56, 0.08
HSL	334°, 100%, 46%
HSV	334°, 100%, 92%
XYZ	36.3300, 18.4517, 14.2171
YIQ	81.5940, 106.7220, 81.3300

Conversions

Conversions Part 2

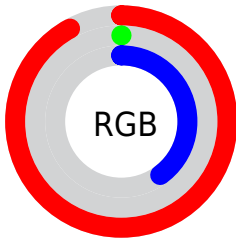
Format	Color
RYB	234, 0, 102
Decimal	15335526
CIELab	50.04, 78.21, 12.40
CIElCh	50, 79.189, 9.007
Yxy	18.4517, 0.5265, 0.2674
Android (android.graphics.Color)	4293525606 (0xFFEA0066)
YUV	81.5940, 10.0602, 133.6601
Hunter-Lab	42.9555, 75.7958, 10.4454

Details

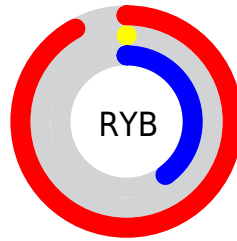
The Hex color **EA0066** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **00EA84**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **FF5E99**, and **AB0038** is the 20% darker color. If you saturate the color by 10%, you get **EA0066**, and if you desaturate by 10%, it is **EA1773**.

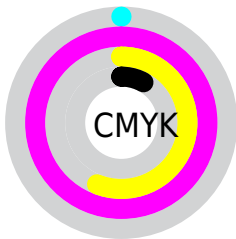
Distribution



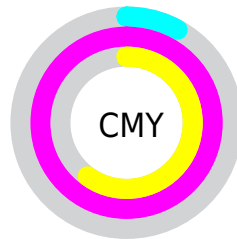
- Red (92%)
- Green (0%)
- Blue (40%)



- Red (92%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (56%)
- Black (8%)



- Cyan (8%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA0066 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 EA0066 by changing the saturation by 10% instead.

 EA0066

 EA0066

FFFFFF

 CA004E

 FF5E99

 AB0038

 FF7DB3

 8B0023

 FF9CCF

 6C000E

 FFBAEB

 4F0004

 FFD8FF

 2F0002

 FFF6FF

 000000

 EA0066

 EA1773

 EA2F80

 EA468E

 EA5E9B

 EA75A8

 EA8CB5

 EAA4C2

 EABBDO

 EAD3DD

Harmonies

Analogous

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



D42AA9



EA0066



DD3A24

Triad

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



EA0066



2C8900



008BF6

Complementary

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



EA0066



00EA84

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.



0092CB



EA0066



009043

Square

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



EA0066



7F7B00



00938A



007AFE

Rectangle

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



EA0066



C55600



00938A



008FEB

Sweetspot

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



EA0066



FFB3D4



8100EA



805266



000000



808080

Same Dimension

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



EA0066



FF006F



EA0C00



756A6F



B5004F



360017

Inverse Universe

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



EA0066



FF006F



00DEEA



756A6F



B5004F



360017

Previews

White Background



This preview shows how the Hex color EA0066 looks on a white background.

Color Contrast Check

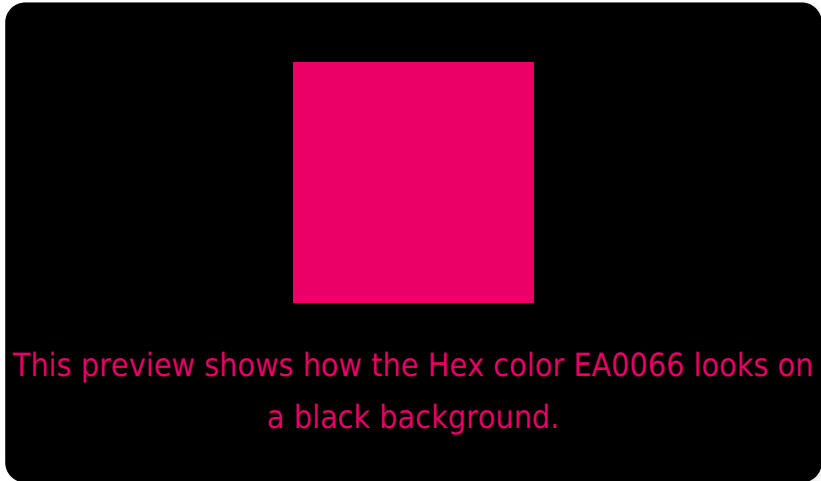
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA0066 Background



This preview shows how black text looks on a background with the Hex color EA0066.



This preview shows how white text looks on a background with the Hex color EA0066.

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
E82927

Trichromacy



Original Color
EA0066



Protanomaly
9E4C83



Deuteranomaly
AF4A60

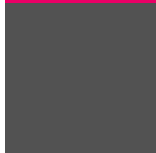


Tritanomaly
E91A3E

Monochromacy



Original Color
EA0066



Achromatopsia
525252



Achromatomaly
893459

CSS Examples

Text

The CSS property to change the color of the text to Hex EA0066 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 #EA0066 looks like.

```
.text, #text, p{  
  color:#EA0066  
}
```

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 #EA0066 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA0066  
}
```

Border

The CSS property to change the border of an element to Hex EA0066 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  
#EA0066 }
```

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

```
.border{ border-color:#EA0066 }
```

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

Here you see how a box with a 4 pixel #EA0066 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA0066; -webkit-box-shadow:4px 4px  
4px 4px #EA0066; box-shadow:4px 4px 4px  
4px #EA0066 }
```

Background

The CSS property to change the background color of an element to Hex EA0066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA0066 }
```

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

```
.background{ background-color:#EA0066 }
```

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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