

Converting Colors

Hex(EA0068)

Have a look what the booklet for
Hex(EA0068) contains.

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Color

Hex(EA0068)

Conversions

Conversions Part 1

Format	Color
Hex	EA0068
RGB	234, 0, 104
RGB Percent	92%, 0%, 41%
CMY	0.0824, 1.0000, 0.5922
CMYK	0.00, 1.00, 0.56, 0.08
HSL	333°, 100%, 46%
HSV	333°, 100%, 92%
XYZ	36.4304, 18.4919, 14.7459
YIQ	81.8220, 106.0800, 81.9520

Conversions

Conversions Part 2

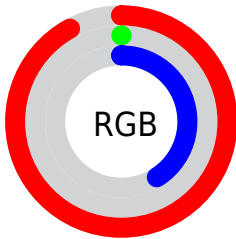
Format	Color
RYB	234, 0, 104
Decimal	15335528
CIELab	50.09, 78.34, 11.24
CIELCh	50, 79.142, 8.163
Yxy	18.4919, 0.5229, 0.2654
Android (android.graphics.Color)	4293525608 (0xFFEA0068)
YUV	81.8220, 10.9338, 133.4601
Hunter-Lab	43.0022, 75.9668, 9.7704

Details

The Hex color **EA0068** 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 **00EA82**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **FF5E9B**, and **AB003A** is the 20% darker color. If you saturate the color by 10%, you get **EA0068**, and if you desaturate by 10%, it is **EA1775**.

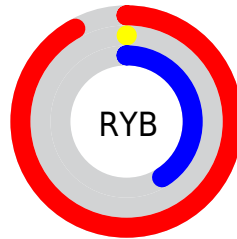
Distribution



Red (92%)

Green (0%)

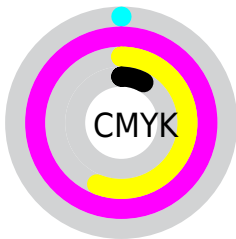
Blue (41%)



Red (92%)

Yellow (0%)

Blue (41%)

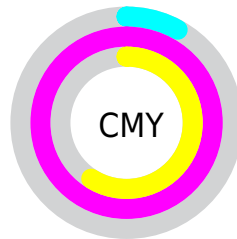


Cyan (0%)

Magenta (100%)

Yellow (56%)

Black (8%)



Cyan (8%)

Magenta (100%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA0068 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 EA0068 by changing the saturation by 10% instead.

 EA0068

 EA0068

FFFFFF

 CA0050

 FF5E9B

 AB003A

 FF7DB5

 8B0025

 FF9CD1

 6D0010

 FFBAED

 500004

 FFD8FF

 2F0002

 FFF7FF

 000000

 EA0068

 EA1775

 EA2F82

 EA468F

 EA5E9C

 EA75A9

 EA8CB6

 EAA4C3

 EABBDO

 EAD3DD

Harmonies

Analogous

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



D32BAB



EA0068



DE3926

Triad

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



EA0068



308900



008CF5

Complementary

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



EA0068



00EA82

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.



0093CA



EA0068



009041

Square

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



EA0068



817A00



009389



007AFF

Rectangle

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



EA0068



C65500



009389



008FEA

Sweetspot

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



EA0068



FFB3D5



8100EA



805266



000000



808080

Same Dimension

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



EA0068



FF0071



EA0C00



756A6F



B50050



360018

Inverse Universe

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



EA0068



FF0071



00DEEA



756A6F



B50050



360018

Previews

White Background



This preview shows how the Hex color EA0068 looks on a white background.

Color Contrast Check

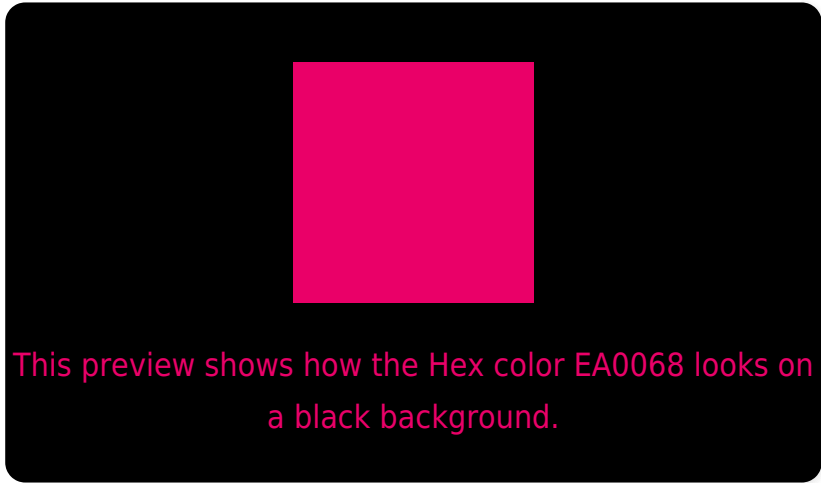
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA0068 Background



This preview shows how black text looks on a background with the Hex color EA0068.



This preview shows how white text looks on a background with the Hex color EA0068.

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
EA0068

Protanopia
717897

Deuteranopia
8E745E



Tritanopia
E72928

Trichromacy



Original Color
EA0068



Protanomaly
9D4C86



Deuteranomaly
AF4A62



Tritanomaly
E81A3F

Monochromacy



Original Color
EA0068



Achromatopsia
525252



Achromatomaly
89345A

CSS Examples

Text

The CSS property to change the color of the text to Hex EA0068 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 #EA0068 looks like.

```
.text, #text, p{  
    color:#EA0068  
}
```

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 #EA0068 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA0068
}
```

Border

The CSS property to change the border of an element to Hex EA0068 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
#EA0068 }
```

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

```
.border{ border-color:#EA0068 }
```

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

Here you see how a box with a 4 pixel #EA0068 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA0068; -webkit-box-shadow:4px 4px  
4px 4px #EA0068; box-shadow:4px 4px 4px  
4px #EA0068 }
```

Background

The CSS property to change the background color of an element to Hex EA0068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA0068 }
```

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

```
.background{ background-color:#EA0068 }
```

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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