

# Converting Colors

Hex(EA2071)

Have a look what the booklet for  
Hex(EA2071) contains.

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# Color

**Hex(EA2071)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EA2071
RGB	234, 32, 113
RGB Percent	92%, 13%, 44%
CMY	0.0824, 0.8745, 0.5569
CMYK	0.00, 0.86, 0.52, 0.08
HSL	336°, 83%, 52%
HSV	336°, 86%, 92%
XYZ	37.4288, 19.7177, 17.4560
YIQ	101.6320, 94.3910, 68.0150

# Conversions

## Conversions Part 2

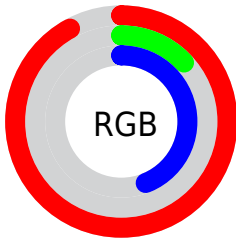
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">234, 32, 113</a>
Decimal	<a href="#">15343729</a>
CIELab	<a href="#">51.52, 75.47, 7.76</a>
CIElCh	<a href="#">52, 75.866, 5.870</a>
Yxy	<a href="#">19.7177, 0.5017, 0.2643</a>
Android (android.graphics.Color)	<a href="#">4293533809 (0xFFEA2071)</a>
YUV	<a href="#">101.6320, 5.6044, 116.0867</a>
Hunter-Lab	<a href="#">44.4046, 72.7503, 7.7757</a>

# Details

The Hex color **EA2071** 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 **20EA99**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF68A4**, and **AB0042** is the 20% darker color. If you saturate the color by 10%, you get **EA0963**, and if you desaturate by 10%, it is **EA377F**.

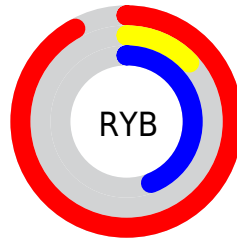
# Distribution



Red (92%)

Green (13%)

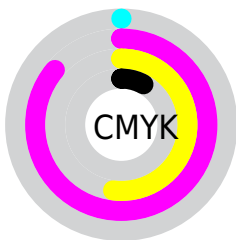
Blue (44%)



Red (92%)

Yellow (13%)

Blue (44%)

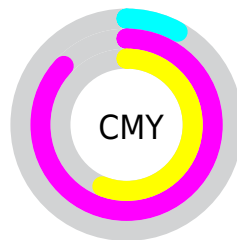


Cyan (0%)

Magenta (86%)

Yellow (52%)

Black (8%)



Cyan (8%)

Magenta (87%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA2071 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 EA2071 by changing the saturation by 10% instead.



 EA2071

 EA2071

FFFFFF

 CB0059

 FF68A4

 AB0042

 FF86BF

 8C002C

 FFA4DB

 6E0018

 FFC2F8

 510004

 FFE0FF

 310002

FFFEFF

 000000

 EA2071

 EA2071

 EA0963

 EA377F

EA005E

EA4F8D

EA669B

EA7EA9

EA95B7

EAACC5

EAC4D3

EADBE1

EAF3EF

# Harmonies

## Analogous

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



D03BB1



EA2071



E13F32

# Triad

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



EA2071



428C00



008FF2

# Complementary

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



EA2071



20EA99

# 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.



0096C6



EA2071



009342

# Square

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



EA2071



8A7C00



009686



007FFE

# Rectangle

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



EA2071



CC5800



009686



0092E6



# Sweetspot

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



EA2071



FFBDD7



9620EA



805868



000000



808080



# Same Dimension

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



EA2071



FF0066



EA3120



756A6E



B50049



360015



# Inverse Universe

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



EA2071



FF0066



20D9EA



756A6E



B50049



360015



# Previews

## White Background



This preview shows how the Hex color EA2071 looks on a white background.

## Color Contrast Check

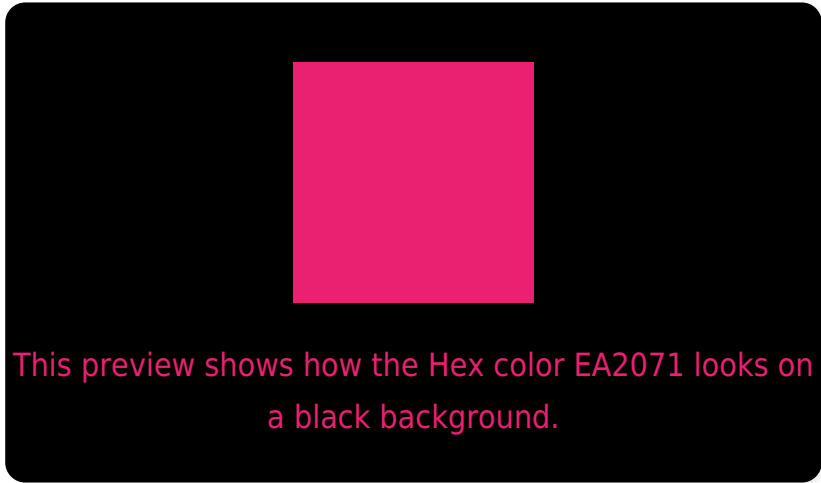
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA2071 Background



This preview shows how black text looks on a background with the Hex color EA2071.

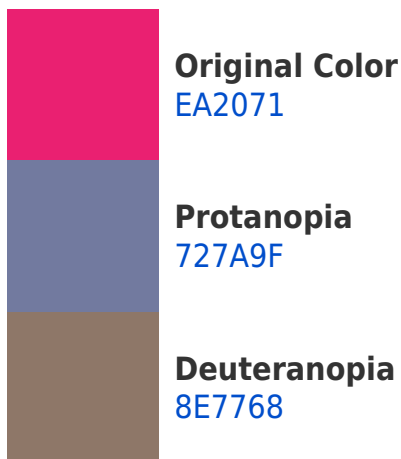



This preview shows how white text looks on a background with the Hex color EA2071.

# 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**  
E73435

# Trichromacy



**Original Color**  
EA2071



**Protanomaly**  
9E598E



**Deuteranomaly**  
AF576B



**Tritanomaly**  
E82D4B

# Monochromacy



**Original Color**  
EA2071



**Achromatopsia**  
666666



**Achromatomaly**  
964D6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA2071 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 #EA2071 looks like.

```
.text, #text, p{  
    color:#EA2071  
}
```

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 #EA2071 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA2071  
}
```

## Border

The CSS property to change the border of an element to Hex EA2071 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  
#EA2071 }
```

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

```
.border{ border-color:#EA2071 }
```

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

Here you see how a box with a 4 pixel #EA2071 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA2071; -webkit-box-shadow:4px 4px  
4px 4px #EA2071; box-shadow:4px 4px 4px  
4px #EA2071 }
```

# Background

The CSS property to change the background color of an element to Hex EA2071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA2071 }
```

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

```
.background{ background-color:#EA2071 }
```

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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