

Converting Colors

Hex(EA30E9)

Have a look what the booklet for
Hex(EA30E9) contains.

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Color

Hex(EA30E9)

Conversions

Conversions Part 1

Format	Color
Hex	EA30E9
RGB	234, 48, 233
RGB Percent	92%, 19%, 91%
CMY	0.0824, 0.8118, 0.0863
CMYK	0.00, 0.79, 0.00, 0.08
HSL	300°, 82%, 55%
HSV	300°, 79%, 92%
XYZ	49.6966, 25.4895, 79.3915
YIQ	124.7040, 51.4710, 96.9670

Conversions

Conversions Part 2

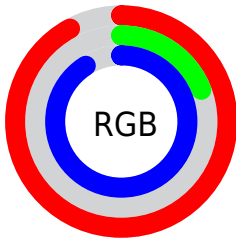
Format	Color
RYB	234, 48, 233
Decimal	15347945
CIELab	57.55, 85.79, -53.20
CIELCh	58, 100.945, 328.194
Yxy	25.4895, 0.3215, 0.1649
Android (android.graphics.Color)	4293538025 (0xFFEA30E9)
YUV	124.7040, 53.3899, 95.8526
Hunter-Lab	50.4871, 87.3525, -57.8930

Details

The Hex color **EA30E9** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **30EA31**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF75FF**, and **AE00B0** is the 20% darker color. If you saturate the color by 10%, you get **EA19E9**, and if you desaturate by 10%, it is **EA47E9**.

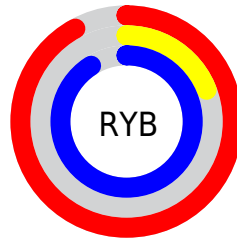
Distribution



Red (92%)

Green (19%)

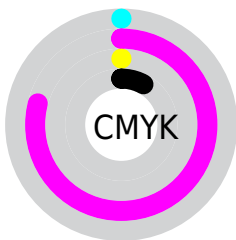
Blue (91%)



Red (92%)

Yellow (19%)

Blue (91%)

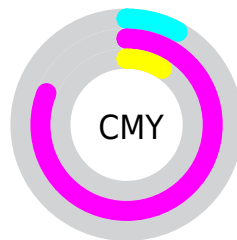


Cyan (0%)

Magenta (79%)

Yellow (0%)

Black (8%)



Cyan (8%)

Magenta (81%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA30E9 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 EA30E9 by changing the saturation by 10% instead.

 EA30E9

 EA30E9

FFFFFF

 CC00CC

 FF75FF

 AE00B0

 FF94FF

 900095

 FFB2FF

 73007B

 FFD0FF

 560061

 FFEFFF

 3B0049

 1B0031

 00011B

 000000

 EA30E9

 EA30E9

 EA19E9

 EA47E9

 EA01E9

 EA5FE9

 EA00E9

 EA76E9

 EA8EEA

 EAA5EA

 EABCEA

 EAD4EA

 EAEBEA

 EAFFEA

Harmonies

Analogous

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



6275FF



EA30E9



FF0094

Triad

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



EA30E9



AD8500



00AEDC

Complementary

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



EA30E9



30EA31

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.



00AC82



EA30E9



539C00

Square

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



EA30E9



EE5B00



00A81A



00A9FF

Rectangle

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



EA30E9



FF005A



00A81A



00AEBF

Sweetspot

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



EA30E9



FFC2FF



3030EA



805B7F



000000



808080

Same Dimension

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



EA30E9



FF0DFE



EA308D



756A75



B500B4



360035

Inverse Universe

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



EA30E9



FF0DFE



30EA8D



756A75



B500B4



360035

Previews

White Background



This preview shows how the Hex color EA30E9 looks on a white background.

Color Contrast Check

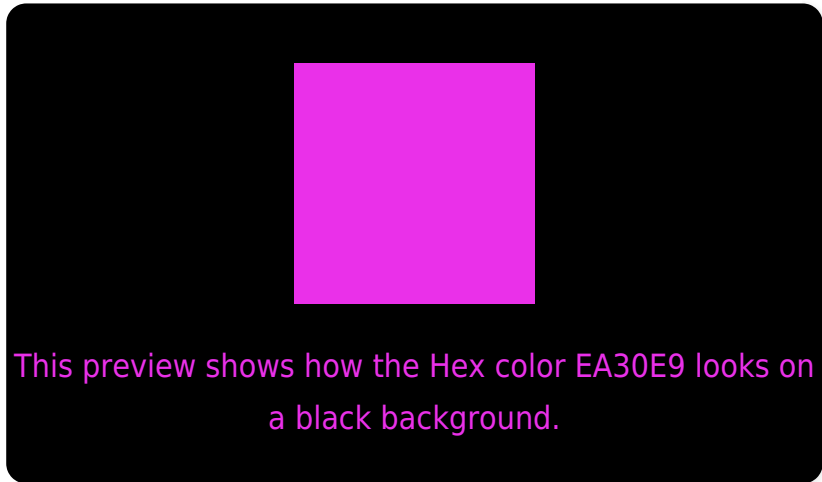
Large Text (above 18pt) WCAG AA ✓ Pass

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 EA30E9 Background



This preview shows how black text looks on a background with the Hex color EA30E9.

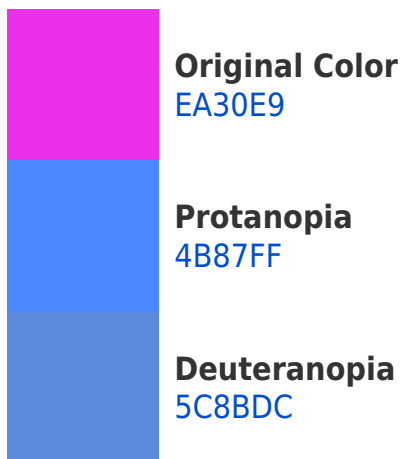


This preview shows how white text looks on a background with the Hex color EA30E9.

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
EA30E9



Protanomaly
8567F7



Deuteranomaly
906AE1



Tritanomaly
E15198

Monochromacy



Original Color
EA30E9



Achromatopsia
7D7D7D



Achromatomaly
A561A4

CSS Examples

Text

The CSS property to change the color of the text to Hex EA30E9 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 #EA30E9 looks like.

```
.text, #text, p{  
    color:#EA30E9  
}
```

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 #EA30E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA30E9
}
```

Border

The CSS property to change the border of an element to Hex EA30E9 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
#EA30E9 }
```

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

```
.border{ border-color:#EA30E9 }
```

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

Here you see how a box with a 4 pixel #EA30E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA30E9; -webkit-box-shadow:4px 4px  
4px 4px #EA30E9; box-shadow:4px 4px 4px  
4px #EA30E9 }
```

Background

The CSS property to change the background color of an element to Hex EA30E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA30E9 }
```

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

```
.background{ background-color:#EA30E9 }
```

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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