

Converting Colors

Hex(EC2B85)

Have a look what the booklet for
Hex(408080) contains.

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Color

Hex(EC2B85)

Conversions

Conversions Part 1

Format	Color
Hex	EC2B85
RGB	236, 43, 133
RGB Percent	93%, 17%, 52%
CMY	0.0745, 0.8314, 0.4784
CMYK	0.00, 0.82, 0.44, 0.07
HSL	332°, 84%, 55%
HSV	332°, 82%, 93%
XYZ	39.6896, 21.2541, 24.2009
YIQ	110.9670, 86.1380, 68.9060

Conversions

Conversions Part 2

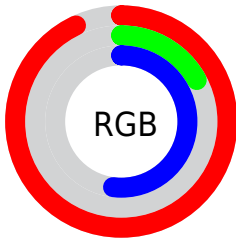
Format	Color
R_{YB}	236, 43, 133
Decimal	15477637
CIE _{Lab}	53.23, 75.33, -1.79
CIE _{LCh}	53, 75.354, 358.636
Yxy	21.2541, 0.4661, 0.2496
Android (android.graphics.Color)	4293667717 (0xFFEC2B85)
YUV	110.9670, 10.8623, 109.6539
Hunter-Lab	46.1021, 72.9929, 1.1478

Details

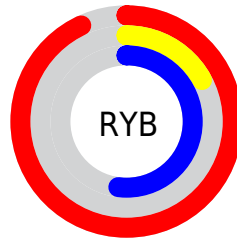
The Hex color **EC2B85** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **2BEC92**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF6FBA**, and **AE0054** is the 20% darker color. If you saturate the color by 10%, you get **EC1378**, and if you desaturate by 10%, it is **EC4392**.

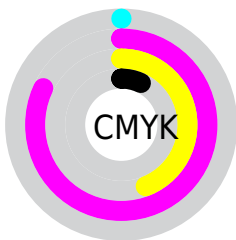
Distribution



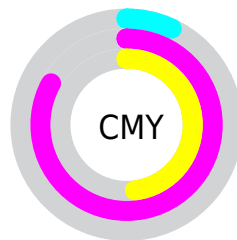
- Red (93%)
- Green (17%)
- Blue (52%)



- Red (93%)
- Yellow (17%)
- Blue (52%)



- Cyan (0%)
- Magenta (82%)
- Yellow (44%)
- Black (7%)



- Cyan (7%)
- Magenta (83%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC2B85 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 EC2B85 by changing the saturation by 10% instead.

 EC2B85

 EC2B85

FFFFFF

 CD006C

 FF6FBA

 AE0054

 FF8DD6

 90003D

 FFABF2


 720027

 FFC8FF

 540013

 FFE6FF

 370002

 080000

 000000

 EC2B85

 EC2B85

 EC1378

 EC4392

 EC006E

 EC5A9E

 EC72AB

 EC89B7

 ECA1C4

 ECB9D1

 ECD0DD

 ECE8EA

 ECFFF6

Harmonies

Analogous

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



C84BC4



EC2B85



EB3C45

Triad

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



EC2B85



5C8D00



0096EE

Complementary

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



EC2B85



2BEC92

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.



009BBC



EC2B85



009635

Square

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



EC2B85



9C7C00



009B7A



0088FF

Rectangle

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



EC2B85



D9541A



009B7A



0098E0

Sweetspot

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



EC2B85



FFBFDD



922BEC



80596B



000000



808080

Same Dimension

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



EC2B85



FF057A



EC312B



756A6F



B50054



360019

Inverse Universe

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



EC2B85



FF057A



2BE6EC



756A6F



B50054



360019

Previews

White Background



This preview shows how the Hex color EC2B85 looks on a white background.

Color Contrast Check

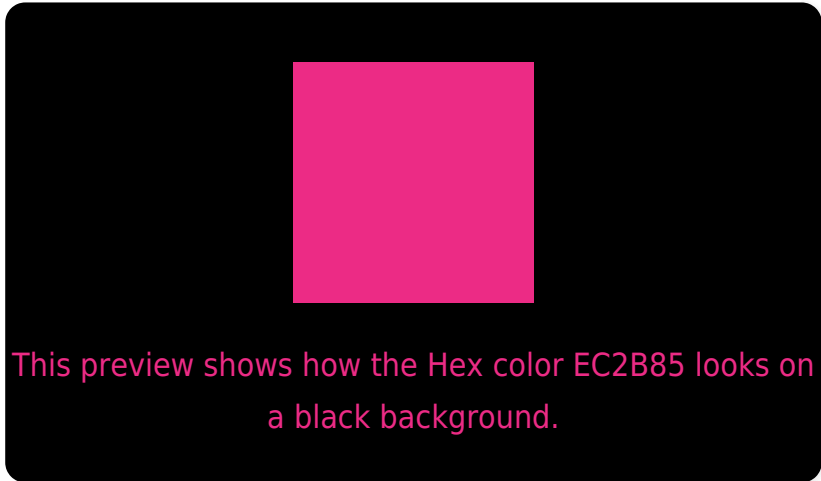
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC2B85 Background



This preview shows how black text looks on a background with the Hex color EC2B85.




This preview shows how white text looks on a background with the Hex color EC2B85.

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
E84043

Trichromacy



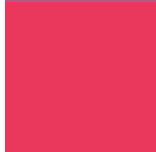
Original Color
EC2B85



Protanomaly
9C60A5



Deuteranomaly
B05E7F

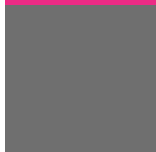


Tritanomaly
E9385B

Monochromacy



Original Color
EC2B85



Achromatopsia
6F6F6F



Achromatomaly
9C5677

CSS Examples

Text

The CSS property to change the color of the text to Hex EC2B85 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 #EC2B85 looks like.

```
.text, #text, p{  
    color:#EC2B85  
}
```

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 #EC2B85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC2B85
}
```

Border

The CSS property to change the border of an element to Hex EC2B85 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
#EC2B85 }
```

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

```
.border{ border-color:#EC2B85 }
```

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

Here you see how a box with a 4 pixel #EC2B85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC2B85; -webkit-box-shadow:4px 4px  
4px 4px #EC2B85; box-shadow:4px 4px 4px  
4px #EC2B85 }
```

Background

The CSS property to change the background color of an element to Hex EC2B85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC2B85 }
```

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

```
.background{ background-color:#EC2B85 }
```

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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