

Converting Colors

Hex(EC3D90)

Have a look what the booklet for
Hex(3D90) contains.

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Color

Hex(**EC3D90**)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | EC3D90 |
| RGB | 236, 61, 144 |
| RGB Percent | 93%, 24%, 56% |
| CMY | 0.0745, 0.7608, 0.4353 |
| CMYK | 0.00, 0.74, 0.39, 0.07 |
| HSL | 332°, 82%, 58% |
| HSV | 332°, 74%, 93% |
| XYZ | 41.2949, 23.1840, 28.6840 |
| YIQ | 122.7870, 77.6570, 62.9130 |

Conversions

Conversions Part 2

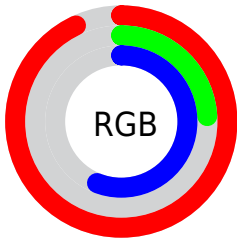
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 236, 61, 144 |
| Decimal | 15482256 |
| CIE Lab | 55.26, 71.53, -5.35 |
| CIE LCh | 55, 71.733, 355.726 |
| Yxy | 23.1840, 0.4433, 0.2489 |
| Android (android.graphics.Color) | 4293672336 (0xFFEC3D90) |
| YUV | 122.7870, 10.4580, 99.2878 |
| Hunter-Lab | 48.1497, 68.8257, -1.6158 |

Details

The Hex color **EC3D90** 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 **3DEC99**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF7BC6**, and **AF005E** is the 20% darker color. If you saturate the color by 10%, you get **EC2584**, and if you desaturate by 10%, it is **EC559C**.

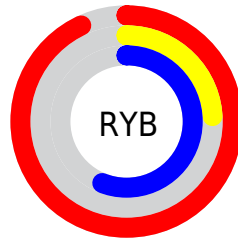
Distribution



Red (93%)

Green (24%)

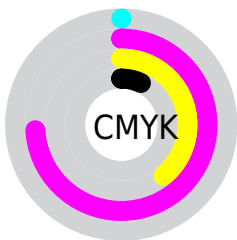
Blue (56%)



Red (93%)

Yellow (24%)

Blue (56%)

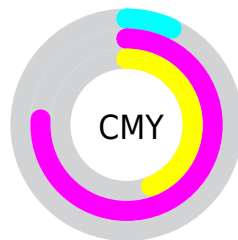


Cyan (0%)

Magenta (74%)

Yellow (39%)

Black (7%)



Cyan (7%)

Magenta (76%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color EC3D90 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 EC3D90 by changing the saturation by 10% instead.

 EC3D90

 EC3D90

FFFFFF

 CD1176

 FF7BC6

 AF005E

 FF98E2

 910046

 FFB6FE

 730030

 FFD3FF

 56001C

 FFF1FF

 3A0002

 130000

 000000

 EC3D90

 EC3D90

 EC2584

 EC559C

 EC0E77

 EC6CA9

 EC0070

 EC84B5

 EC9BC2

 ECB3CE

 ECCBDA

 ECE2E7

 ECFAF3

 ECFFFF

Harmonies

Analogous

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



C558CB



EC3D90



EE4653

Triad

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



EC3D90



6B9100



009BEB

Complementary

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



EC3D90



3DEC99

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.



00A0B9



EC3D90



009B38

Square

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



EC3D90



A77F00



009F79



008FFF

Rectangle

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



EC3D90



E05A2B



009F79



009EDD

Sweetspot

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



EC3D90



FFC7E2



973DEC



805E6E



000000



808080

Same Dimension

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



EC3D90



FF1C88



EC403D



756A6F



B50056



360019

Inverse Universe

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



EC3D90



FF1C88



3DE9EC



756A6F



B50056



360019

Previews

White Background



This preview shows how the Hex color EC3D90 looks on a white background.

Color Contrast Check

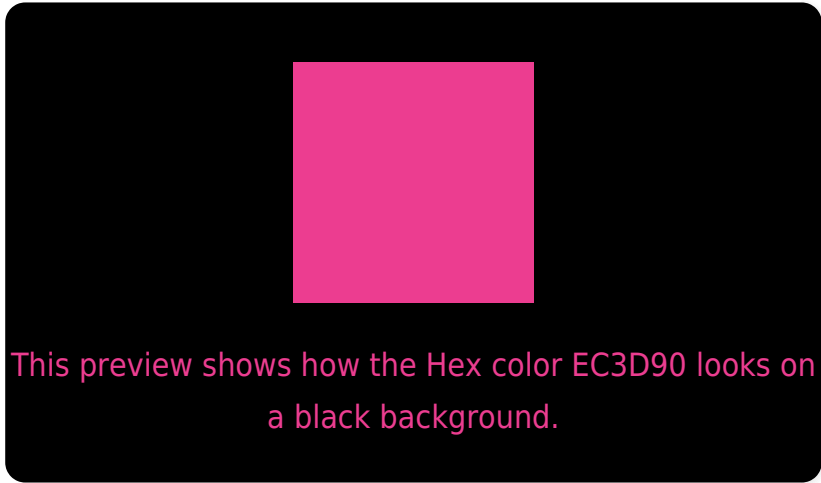
Large Text (above 18pt) WCAG AA ✓ Pass

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 EC3D90 Background



This preview shows how black text looks on a background with the Hex color EC3D90.



This preview shows how white text looks on a background with the Hex color EC3D90.

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
E84E52

Trichromacy



Original Color
EC3D90



Protanomaly
9E6AAD



Deuteranomaly
B1688A



Tritanomaly
E94869

Monochromacy



Original Color
EC3D90



Achromatopsia
7B7B7B



Achromatomaly
A46483

CSS Examples

Text

The CSS property to change the color of the text to Hex EC3D90 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 #EC3D90 looks like.

```
.text, #text, p{  
    color:#EC3D90  
}
```

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 #EC3D90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC3D90
}
```

Border

The CSS property to change the border of an element to Hex EC3D90 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
#EC3D90 }
```

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

```
.border{ border-color:#EC3D90 }
```

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

Here you see how a box with a 4 pixel #EC3D90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC3D90; -webkit-box-shadow:4px 4px  
4px 4px #EC3D90; box-shadow:4px 4px 4px  
4px #EC3D90 }
```

Background

The CSS property to change the background color of an element to Hex EC3D90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC3D90 }
```

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

```
.background{ background-color:#EC3D90 }
```

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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