

# Converting Colors

Hex(E12296)

Have a look what the booklet for  
Hex(E12296) contains.

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**Color**

**Hex(E12296)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E12296
RGB	225, 34, 150
RGB Percent	88%, 13%, 59%
CMY	0.1176, 0.8667, 0.4118
CMYK	0.00, 0.85, 0.33, 0.12
HSL	324°, 76%, 51%
HSV	324°, 85%, 88%
XYZ	37.1284, 19.3536, 30.6329
YIQ	104.3330, 76.6000, 76.5680

# Conversions

## Conversions Part 2

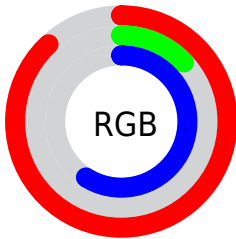
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 34, 150
Decimal	14754454
CIE <sub>Lab</sub>	51.10, 76.29, -15.36
CIE <sub>LCh</sub>	51, 77.819, 348.613
Yxy	19.3536, 0.4262, 0.2222
Android (android.graphics.Color)	4292944534 (0xFFE12296)
YUV	104.3330, 22.5138, 105.8250
Hunter-Lab	43.9927, 73.6607, -10.4897

# Details

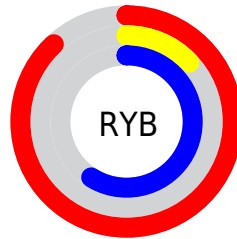
The Hex color **E12296** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **22E16D**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF69CC**, and **A40063** is the 20% darker color. If you saturate the color by 10%, you get **E10B8D**, and if you desaturate by 10%, it is **E1399F**.

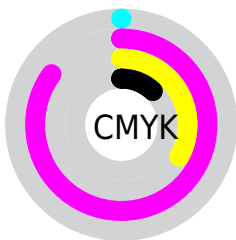
# Distribution



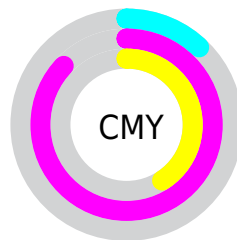
- Red (88%)
- Green (13%)
- Blue (59%)



- Red (88%)
- Yellow (13%)
- Blue (59%)



- Cyan (0%)
- Magenta (85%)
- Yellow (33%)
- Black (12%)



- Cyan (12%)
- Magenta (87%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E12296 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 E12296 by changing the saturation by 10% instead.



 E12296

 E12296

FFFFFF

 C2007C

 FF69CC

 A40063

 FF87E8

 87004B

 FFA5FF

 690034


 FFC2FF

 4D0020

 FFE0FF

 300002

 000000

 E12296

 E12296

 E10B8D

 E1399F

 E10089

 E14FA8

 E166B1

 E17CB9

 E193C2

 E1A9CB

 E1C0D4

 E1D6DD

 E1ECE6

# Harmonies

## Analogous

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



AD50D3



E12296



EB2154

# Triad

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



E12296



6D8300



0093DD

# Complementary

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



E12296



22E16D

# 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.



0096A3



E12296



008F0D

# Square

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



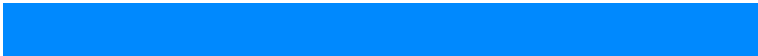
E12296



A96E00



00945D



0089FE

# Rectangle

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



E12296



DF3E29



00945D



0095CC



# Sweetspot

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



E12296



FFBFE6



6B22E1



805970



000000



808080



# Same Dimension

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



E12296



FF009B



E12238



70656C



B0006B



30001D



# Inverse Universe

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



E12296



FF009B



22E1CB



70656C



B0006B



30001D



# Previews

## White Background



This preview shows how the Hex color E12296 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 E12296 Background



This preview shows how black text looks on a background with the Hex color E12296.

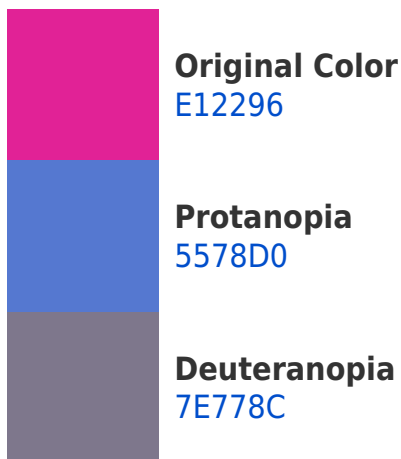


This preview shows how white text looks on a background with the Hex color E12296.

# 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**  
E12296



**Protanomaly**  
8859BB



**Deuteranomaly**  
A25890



**Tritanomaly**  
DD3662

# Monochromacy



**Original Color**  
E12296



**Achromatopsia**  
686868



**Achromatomaly**  
944F79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E12296 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 #E12296 looks like.

```
.text, #text, p{  
    color:#E12296  
}
```

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 #E12296 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E12296
}
```

## Border

The CSS property to change the border of an element to Hex E12296 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
#E12296 }
```

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

```
.border{ border-color:#E12296 }
```

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

Here you see how a box with a 4 pixel #E12296 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E12296; -webkit-box-shadow:4px 4px  
4px 4px #E12296; box-shadow:4px 4px 4px  
4px #E12296 }
```

# Background

The CSS property to change the background color of an element to Hex E12296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E12296 }
```

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

```
.background{ background-color:#E12296 }
```

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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