

Converting Colors

Hex(E0408A)

Have a look what the booklet for
Hex(E0408A) contains.

Hex(E0408A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E0408A)

Conversions

Conversions Part 1

Format	Color
Hex	E0408A
RGB	224, 64, 138
RGB Percent	88%, 25%, 54%
CMY	0.1216, 0.7490, 0.4588
CMYK	0.00, 0.71, 0.38, 0.12
HSL	332°, 72%, 56%
HSV	332°, 71%, 88%
XYZ	37.1613, 21.3491, 26.2069
YIQ	120.2760, 71.6060, 56.9340

Conversions

Conversions Part 2

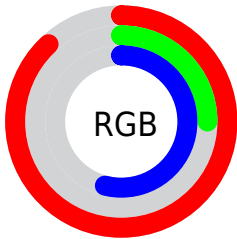
Format	Color
RYB	224, 64, 138
Decimal	14696586
CIELab	53.33, 66.78, -4.87
CIELCh	53, 66.956, 355.825
Yxy	21.3491, 0.4387, 0.2520
Android (android.graphics.Color)	4292886666 (0xFFE0408A)
YUV	120.2760, 8.7379, 90.9659
Hunter-Lab	46.2050, 62.7033, -1.2850

Details

The Hex color **E0408A** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle muted rose. A complement of this color would be **40E096**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF7BBF**, and **A40058** is the 20% darker color. If you saturate the color by 10%, you get **E02A7E**, and if you desaturate by 10%, it is **E05696**.

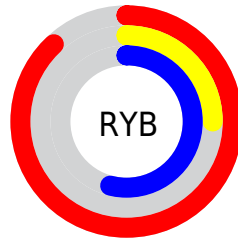
Distribution



Red (88%)

Green (25%)

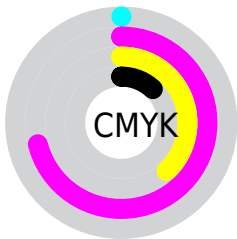
Blue (54%)



Red (88%)

Yellow (25%)

Blue (54%)

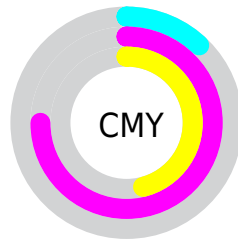


Cyan (0%)

Magenta (71%)

Yellow (38%)

Black (12%)



Cyan (12%)

Magenta (75%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color E0408A 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 E0408A by changing the saturation by 10% instead.

 E0408A

 E0408A

FFFFFF

 C21B71

 FF7BBF

 A40058

 FF98DB

 860041

 FFB5F8

 69002B

 FFD3FF

 4D0017

 FFF0FF

 310002

 000000

 E0408A

 E0408A

 E02A7E

 E05696

 E01372

 E06DA2

 E00068

 E083AE

 E09ABA

 E0B0C6

 E0C6D2

 E0DDDE

 E0F3EA

 E0FFF6

Harmonies

Analogous

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



BC57C1



E0408A



E24751

Triad

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



E0408A



698B00



0095DE

Complementary

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



E0408A



40E096

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.



0099B0



E0408A



00943A

Square

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



E0408A



A07A00



009975



0089F3

Rectangle

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



E0408A



D5582D



009975



0097D1

Sweetspot

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



E0408A



FFC9E2



9540E0



80606E



000000



808080

Same Dimension

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



E0408A



FF2489



E04540



70656A



B00051



300016

Inverse Universe

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



E0408A



FF2489



40DBE0



70656A



B00051



300016

Previews

White Background



This preview shows how the Hex color E0408A 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 E0408A Background



This preview shows how black text looks on a background with the Hex color E0408A.



This preview shows how white text looks on a background with the Hex color E0408A.

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
DC4E53

Trichromacy



Original Color
E0408A



Protanomaly
9967A3



Deuteranomaly
AA6685

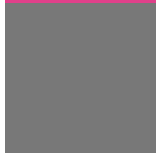


Tritanomaly
DD4967

Monochromacy



Original Color
E0408A



Achromatopsia
787878



Achromatomaly
9E647F

CSS Examples

Text

The CSS property to change the color of the text to Hex E0408A 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 #E0408A looks like.

```
.text, #text, p{  
  color:#E0408A  
}
```

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 #E0408A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E0408A
}
```

Border

The CSS property to change the border of an element to Hex E0408A 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
#E0408A }
```

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

```
.border{ border-color:#E0408A }
```

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

Here you see how a box with a 4 pixel #E0408A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E0408A; -webkit-box-shadow:4px 4px  
4px 4px #E0408A; box-shadow:4px 4px 4px  
4px #E0408A }
```

Background

The CSS property to change the background color of an element to Hex E0408A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E0408A }
```

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

```
.background{ background-color:#E0408A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor