

Converting Colors

Hex(E22A9E)

Have a look what the booklet for
Hex(E22A9E) contains.

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Color

Hex(E22A9E)

Conversions

Conversions Part 1

Format	Color
Hex	E22A9E
RGB	226, 42, 158
RGB Percent	89%, 16%, 62%
CMY	0.1137, 0.8353, 0.3804
CMYK	0.00, 0.81, 0.30, 0.11
HSL	322°, 76%, 53%
HSV	322°, 81%, 89%
XYZ	38.3636, 20.2933, 34.2428
YIQ	110.2400, 72.4280, 75.0840

Conversions

Conversions Part 2

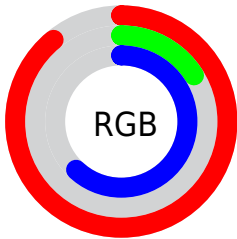
Format	Color
R_{YB}	226, 42, 158
Decimal	14822046
CIE _{Lab}	52.17, 75.69, -18.48
CIE _{LCh}	52, 77.912, 346.280
Yxy	20.2933, 0.4130, 0.2184
Android (android.graphics.Color)	4293012126 (0xFFE22A9E)
YUV	110.2400, 23.5457, 101.5215
Hunter-Lab	45.0481, 73.1788, -13.5349

Details

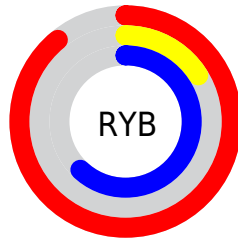
The Hex color **E22A9E** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **2AE26E**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **FF6DD5**, and **A6006A** is the 20% darker color. If you saturate the color by 10%, you get **E21396**, and if you desaturate by 10%, it is **E241A6**.

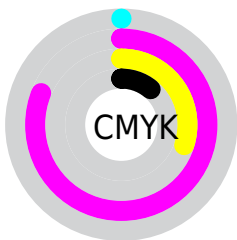
Distribution



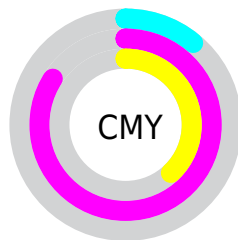
- Red (89%)
- Green (16%)
- Blue (62%)



- Red (89%)
- Yellow (16%)
- Blue (62%)



- Cyan (0%)
- Magenta (81%)
- Yellow (30%)
- Black (11%)



- Cyan (11%)
- Magenta (84%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color E22A9E 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 E22A9E by changing the saturation by 10% instead.

 E22A9E

 E22A9E

FFFFFF

 C40084

 FF6DD5

 A6006A

 FF8BF1

 880052

 FFA9FF

 6B003B

 FFC7FF

 4F0025

 FFE5FF

 32000E

 000000

 E22A9E

 E22A9E

 E21396

 E241A6

 E2008E

 E257AF

 E26EB7

 E284BF

 E29BC8

 E2B2D0

 E2C8D8

 E2DFE1

 E2F5E9

Harmonies

Analogous

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



AA56DA



E22A9E



EF235C

Triad

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



E22A9E



758500



0097DD

Complementary

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



E22A9E



2AE26E

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.



0099A0



E22A9E



029105

Square

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



E22A9E



B06E00



00975A



008DFF

Rectangle

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



E22A9E



E53E31



00975A



0098CB

Sweetspot

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



E22A9E



FFC2E8



6D2AE2



805B72



000000



808080

Same Dimension

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



E22A9E



FF05A3



E22A43



70656C



B0006F



30001F

Inverse Universe

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



E22A9E



FF05A3



2AE2C9



70656C



B0006F



30001F

Previews

White Background



This preview shows how the Hex color E22A9E 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

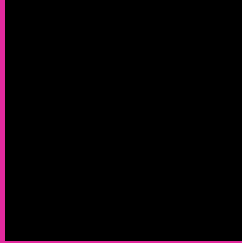
Any Text WCAG AA ✓ Pass

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 E22A9E Background



This preview shows how black text looks on a background with the Hex color E22A9E.



This preview shows how white text looks on a background with the Hex color E22A9E.

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
E22A9E



Protanomaly
885DC2



Deuteranomaly
A25D98



Tritanomaly
DE3D69

Monochromacy



Original Color
E22A9E



Achromatopsia
6E6E6E



Achromatomaly
98557F

CSS Examples

Text

The CSS property to change the color of the text to Hex E22A9E 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 #E22A9E looks like.

```
.text, #text, p{  
    color:#E22A9E  
}
```

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 #E22A9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E22A9E
}
```

Border

The CSS property to change the border of an element to Hex E22A9E is called "border". The border property can be set on classes, ids or directly on the HTML element.

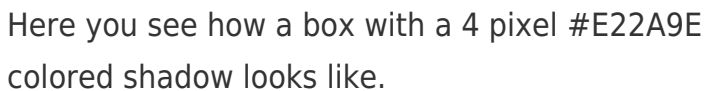
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E22A9E }
```

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

```
.border{ border-color:#E22A9E }
```

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



Here you see how a box with a 4 pixel #E22A9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E22A9E; -webkit-box-shadow:4px 4px  
4px 4px #E22A9E; box-shadow:4px 4px 4px  
4px #E22A9E }
```

Background

The CSS property to change the background color of an element to Hex E22A9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E22A9E }
```

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

```
.background{ background-color:#E22A9E }
```

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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