

Converting Colors

Hex(E12EAE)

Have a look what the booklet for
Hex(E12EAE) contains.

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Color

Hex(E12EAE)

Conversions

Conversions Part 1

Format	Color
Hex	E12EAE
RGB	225, 46, 174
RGB Percent	88%, 18%, 68%
CMY	0.1176, 0.8196, 0.3176
CMYK	0.00, 0.80, 0.23, 0.12
HSL	317°, 75%, 53%
HSV	317°, 80%, 88%
XYZ	39.6683, 21.0175, 42.0104
YIQ	114.1130, 65.5960, 77.7560

Conversions

Conversions Part 2

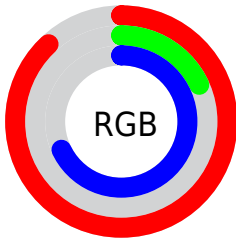
Format	Color
R_{YB}	225, 46, 174
Decimal	14757550
CIE _{Lab}	52.97, 76.38, -26.69
CIE _{LCh}	53, 80.906, 340.739
Yxy	21.0175, 0.3863, 0.2047
Android (android.graphics.Color)	4292947630 (0xFFE12EAE)
YUV	114.1130, 29.5243, 97.2479
Hunter-Lab	45.8449, 74.2226, -22.2396

Details

The Hex color **E12EAE** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **2EE161**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FF70E6**, and **A50079** is the 20% darker color. If you saturate the color by 10%, you get **E118A8**, and if you desaturate by 10%, it is **E144B4**.

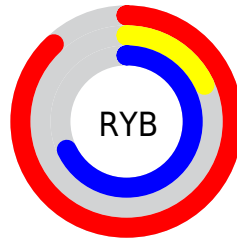
Distribution



Red (88%)

Green (18%)

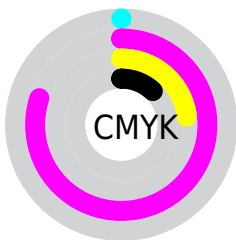
Blue (68%)



Red (88%)

Yellow (18%)

Blue (68%)

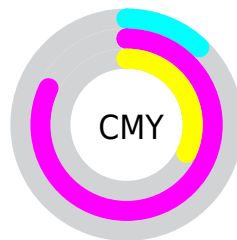


Cyan (0%)

Magenta (80%)

Yellow (23%)

Black (12%)



Cyan (12%)


Magenta (82%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color E12EAE 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 E12EAE by changing the saturation by 10% instead.

 E12EAE

 E12EAE

FFFFFF

 C30093

 FF70E6

 A50079

 FF8EFF

 880060

 FFACFF

 6B0048

 FFC9FF

 4F0031

 FFE7FF


 32001C

 080000

 000000

 E12EAE

 E12EAE

 E118A8

 E144B4

 E101A1

 E15BBB

 E100A1

 E172C1

 E188C8

 E19FCE

 E1B5D4

 E1CBDB

 E1E2E1

 E1F8E8

Harmonies

Analogous

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



9D5EE9



E12EAE



F61369

Triad

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



E12EAE



838400



009BD9

Complementary

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



E12EAE



2EE161

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.



009C97



E12EAE



2B9200

Square

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



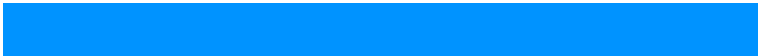
E12EAE



BD6A00



00994D



0093FF

Rectangle

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



E12EAE



EF333C



00994D



009CC4

Sweetspot

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



E12EAE



FFC2EE



612EE1



805B75



000000



808080

Same Dimension

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



E12EAE



FF0DBA



E12E55



70656D



B0007E



300023

Inverse Universe

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



E12EAE



FF0DBA



2EE1BA



70656D



B0007E



300023

Previews

White Background



This preview shows how the Hex color E12EAE looks on a white background.

Color Contrast Check

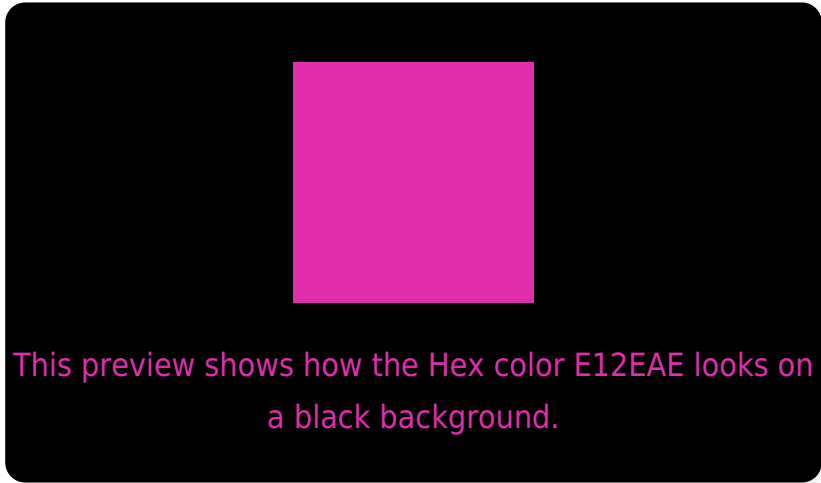
Large Text (above 18pt) WCAG AA ✓ Pass

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 E12EAE Background



This preview shows how black text looks on a background with the Hex color E12EAE.

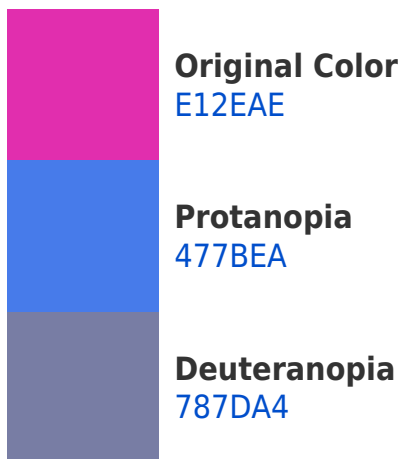


This preview shows how white text looks on a background with the Hex color E12EAE.

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
DA4F53

Trichromacy



Original Color
E12EAE



Protanomaly
7F5FD4



Deuteranomaly
9E60A8



Tritanomaly
DD4374

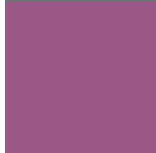
Monochromacy



Original Color
E12EAE



Achromatopsia
727272



Achromatomaly
9A5988

CSS Examples

Text

The CSS property to change the color of the text to Hex E12EAE 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 #E12EAE looks like.

```
.text, #text, p{  
    color:#E12EAE  
}
```

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 #E12EAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E12EAE
}
```

Border

The CSS property to change the border of an element to Hex E12EAE 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
#E12EAE }
```

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

```
.border{ border-color:#E12EAE }
```

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

Here you see how a box with a 4 pixel #E12EAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E12EAE; -webkit-box-shadow:4px 4px  
4px 4px #E12EAE; box-shadow:4px 4px 4px  
4px #E12EAE }
```

Background

The CSS property to change the background color of an element to Hex E12EAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E12EAE }
```

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

```
.background{ background-color:#E12EAE }
```

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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