

Converting Colors

Hex(E012E3)

Have a look what the booklet for
Hex(E012E3) contains.

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Color

Hex(E012E3)

Conversions

Conversions Part 1

Format	Color
Hex	E012E3
RGB	224, 18, 227
RGB Percent	88%, 7%, 89%
CMY	0.1216, 0.9294, 0.1098
CMYK	0.01, 0.92, 0.00, 0.11
HSL	299°, 85%, 48%
HSV	299°, 92%, 89%
XYZ	44.8219, 21.8260, 74.5235
YIQ	103.4200, 55.6870, 108.6710

Conversions

Conversions Part 2

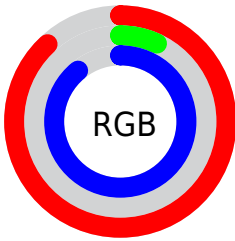
Format	Color
RYB	224, 18, 227
Decimal	14684899
CIELab	53.84, 88.14, -55.84
CIELCh	54, 104.339, 327.645
Yxy	21.8260, 0.3175, 0.1546
Android (android.graphics.Color)	4292874979 (0xFFE012E3)
YUV	103.4200, 60.9249, 105.7487
Hunter-Lab	46.7183, 89.4975, -61.8748

Details

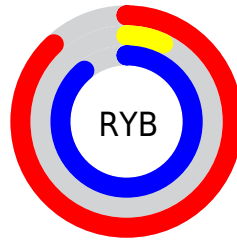
The Hex color **E012E3** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **15E312**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF66FF**, and **A400AB** is the 20% darker color. If you saturate the color by 10%, you get **E000E3**, and if you desaturate by 10%, it is **E029E3**.

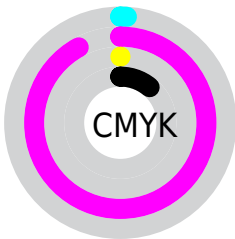
Distribution



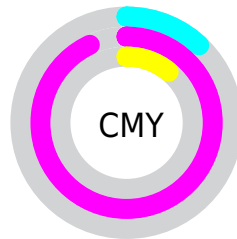
- Red (88%)
- Green (7%)
- Blue (89%)



- Red (88%)
- Yellow (7%)
- Blue (89%)



- Cyan (1%)
- Magenta (92%)
- Yellow (0%)
- Black (11%)



- Cyan (12%)
- Magenta (93%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color E012E3 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 E012E3 by changing the saturation by 10% instead.

 E012E3

 E012E3

FFFFFF

 C200C7

 FF66FF

 A400AB

 FF85FF

 860090

 FFA4FF

 690075

 FFC2FF

 4C005C

 FFE1FF

 2F0043

 0A002C

 000116

 000000

 E012E3

 E012E3

 E000E3

 E029E3

 E13FE3

 E156E3

 E16DE3

 E284E3

 E29AE3

 E2B1E3

 E3C8E3

 E3DEE3

Harmonies

Analogous

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



466CFF



E012E3



FF008C

Triad

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



E012E3



A37B00



00A4D3

Complementary

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



E012E3



15E312

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.



00A277



E012E3



469300

Square

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



E012E3



E54D00



009E00



00A0FF

Rectangle

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



E012E3



FF0052



009E00



00A4B5

Sweetspot

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



E012E3



FEB8FF



1215E3



7F5480



000000



808080

Same Dimension

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



E012E3



FB00FF



E3127E



736773



B000B3



320033

Inverse Universe

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



E31215



FF0004



12E377



736767



B30003



330001

Previews

White Background



This preview shows how the Hex color E012E3 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

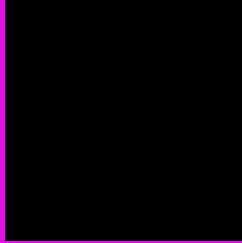
Any Text WCAG AA ✓ Pass

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 E012E3 Background



This preview shows how black text looks on a background with the Hex color E012E3.




This preview shows how white text looks on a background with the Hex color E012E3.

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
D25A60

Trichromacy



Original Color
E012E3



Protanomaly
6D56F5



Deuteranomaly
8159DB



Tritanomaly
D74090

Monochromacy



Original Color
E012E3



Achromatopsia
676767



Achromatomaly
934894

CSS Examples

Text

The CSS property to change the color of the text to Hex E012E3 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 #E012E3 looks like.

```
.text, #text, p{  
    color:#E012E3  
}
```

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 #E012E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E012E3
}
```

Border

The CSS property to change the border of an element to Hex E012E3 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
#E012E3 }
```

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

```
.border{ border-color:#E012E3 }
```

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

Here you see how a box with a 4 pixel #E012E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E012E3; -webkit-box-shadow:4px 4px  
4px 4px #E012E3; box-shadow:4px 4px 4px  
4px #E012E3 }
```

Background

The CSS property to change the background color of an element to Hex E012E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E012E3 }
```

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

```
.background{ background-color:#E012E3 }
```

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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