

Converting Colors

Hex(E014D3)

Have a look what the booklet for
Hex(E014D3) contains.

Hex(E014D3)	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(E014D3)

Conversions

Conversions Part 1

Format	Color
Hex	E014D3
RGB	224, 20, 211
RGB Percent	88%, 8%, 83%
CMY	0.1216, 0.9216, 0.1725
CMYK	0.00, 0.91, 0.06, 0.12
HSL	304°, 84%, 48%
HSV	304°, 91%, 88%
XYZ	42.7485, 21.0508, 63.4381
YIQ	102.7700, 60.2730, 102.6490

Conversions

Conversions Part 2

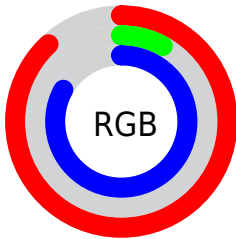
Format	Color
R _Y B	224, 20, 211
Decimal	14685395
CIE Lab	53.00, 85.65, -48.07
CIE LCh	53, 98.218, 330.699
Yxy	21.0508, 0.3360, 0.1654
Android (android.graphics.Color)	4292875475 (0xFFE014D3)
YUV	102.7700, 53.3574, 106.3187
Hunter-Lab	45.8811, 86.0207, -49.8613

Details

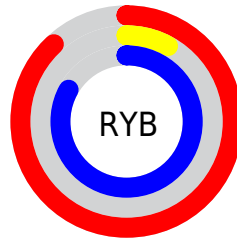
The Hex color **E014D3** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **14E021**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **FF66FF**, and **A4009C** is the 20% darker color. If you saturate the color by 10%, you get **E000D2**, and if you desaturate by 10%, it is **E02AD4**.

Distribution



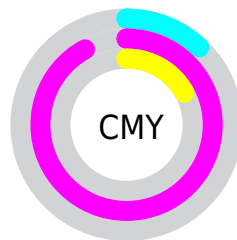
- Red (88%)
- Green (8%)
- Blue (83%)



- Red (88%)
- Yellow (8%)
- Blue (83%)



- Cyan (0%)
- Magenta (91%)
- Yellow (6%)
- Black (12%)



- Cyan (12%)
- Magenta (92%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color E014D3 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 E014D3 by changing the saturation by 10% instead.

 E014D3

 E014D3

FFFFFF

 C200B7

 FF66FF

 A4009C

 FF85FF

 860081

 FFA3FF

 690067

 FFC2FF

 4D004F

 FFE0FF

 300037

 0A0020

 000004

 000000

 E014D3

 E014D3

 E000D2

 E02AD4

 E041D6

 E057D7

 E06ED9

 E084DA

 E09ADC

 E0B1DD

 E0C7DE

 E0DEE0

Harmonies

Analogous

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



6866FF



E014D3



FF0081

Triad

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



E014D3



997D00



00A0D4

Complementary

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



E014D3



14E021

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.



009F7E



E014D3



3D9100

Square

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



E014D3



D95500



009B1D



009BFF

Rectangle

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



E014D3



FF004A



009B1D



00A0B9

Sweetspot

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



E014D3



FFBAFB



1E14E0



80577D



000000



808080

Same Dimension

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



E014D3



FF00EF



E01470



70656F



B000A5



30002D

Inverse Universe

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



E014D3



FF00EF



14E084



70656F



B000A5



30002D

Previews

White Background



This preview shows how the Hex color E014D3 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

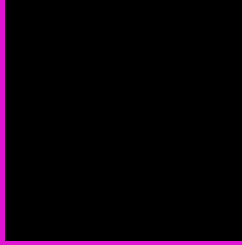
Any Text WCAG AA ✓ Pass

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 E014D3 Background



This preview shows how black text looks on a background with the Hex color E014D3.

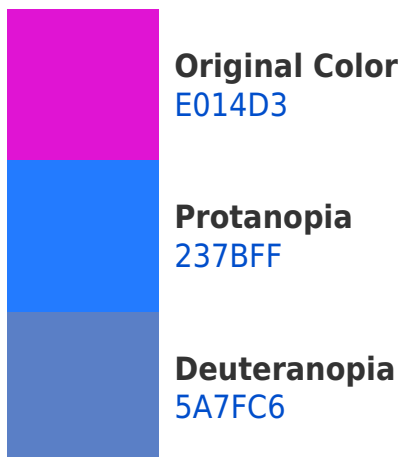



This preview shows how white text looks on a background with the Hex color E014D3.

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
D4545A

Trichromacy



Original Color
E014D3



Protanomaly
6856EF



Deuteranomaly
8B58CB



Tritanomaly
D83D86

Monochromacy



Original Color
E014D3



Achromatopsia
676767



Achromatomaly
93498E

CSS Examples

Text

The CSS property to change the color of the text to Hex E014D3 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 #E014D3 looks like.

```
.text, #text, p{  
    color:#E014D3  
}
```

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 #E014D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E014D3
}
```

Border

The CSS property to change the border of an element to Hex E014D3 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
#E014D3 }
```

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

```
.border{ border-color:#E014D3 }
```

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

Here you see how a box with a 4 pixel #E014D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E014D3; -webkit-box-shadow:4px 4px  
4px 4px #E014D3; box-shadow:4px 4px 4px  
4px #E014D3 }
```

Background

The CSS property to change the background color of an element to Hex E014D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E014D3 }
```

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

```
.background{ background-color:#E014D3 }
```

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