

Converting Colors

Hex(F200E4)

Have a look what the booklet for
Hex(F200E4) contains.

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Color

Hex(F200E4)

Conversions

Conversions Part 1

Format	Color
Hex	F200E4
RGB	242, 0, 228
RGB Percent	95%, 0%, 89%
CMY	0.0510, 1.0000, 0.1059
CMYK	0.00, 1.00, 0.06, 0.05
HSL	303°, 100%, 47%
HSV	303°, 100%, 95%
XYZ	50.6215, 24.4787, 75.4556
YIQ	98.3500, 71.0440, 122.2120

Conversions

Conversions Part 2

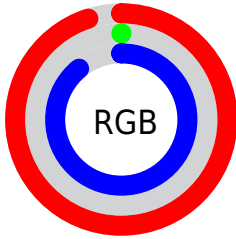
Format	Color
R_{YB}	242, 0, 228
Decimal	15859940
CIE _{Lab}	56.56, 92.52, -51.88
CIE _{LCh}	57, 106.069, 330.720
Yxy	24.4787, 0.3362, 0.1626
Android (android.graphics.Color)	4294050020 (0xFFFF200E4)
YUV	98.3500, 63.9174, 125.9810
Hunter-Lab	49.4759, 96.0502, -55.7898

Details

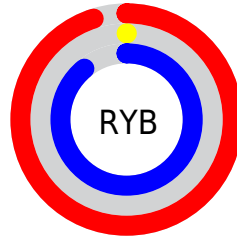
The Hex color **F200E4** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **00F20E**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **FF66FF**, and **B500AC** is the 20% darker color. If you saturate the color by 10%, you get **F200E4**, and if you desaturate by 10%, it is **F218E5**.

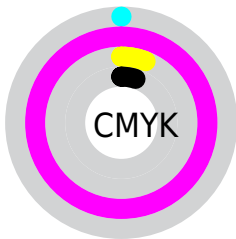
Distribution



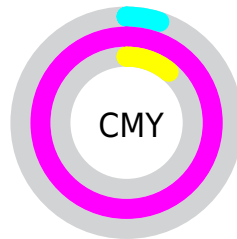
- Red (95%)
- Green (0%)
- Blue (89%)



- Red (95%)
- Yellow (0%)
- Blue (89%)



- Cyan (0%)
- Magenta (100%)
- Yellow (6%)
- Black (5%)



- Cyan (5%)
- Magenta (100%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color F200E4 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 F200E4 by changing the saturation by 10% instead.

 F200E4

 F200E4

FFFFFF

 D300C8

 FF66FF

 B500AC

 FF86FF

 970091

 FFA5FF

 790076


 FFC4FF

 5C005D

 FFE3FF

 400044

 21002D

 000117

 000000

 F200E4

 F218E5

 F230E7

 F249E8

 F261EA

 F279EB

 F291EC

 F2A9EE

 F2C2EF

 F2DAF1

Harmonies

Analogous

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



6E6DFF



F200E4



FF008A

Triad

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



F200E4



A38600



00ACE5

Complementary

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



F200E4



00F20E

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.



00AB88



F200E4



3E9C00

Square

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



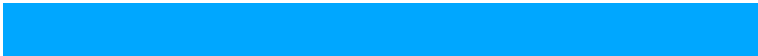
F200E4



E95A00



00A61B



00A7FF

Rectangle

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



F200E4



FF004E



00A61B



00ACC7

Sweetspot

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



F200E4



FFB3FB



0C00F2



80527D



000000



808080

Same Dimension

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



F200E4



FF00F0



F2006D



786C77



B800AD



380035

Inverse Universe

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



F200E4



FF00F0



00F285



786C77



B800AD



380035

Previews

White Background



This preview shows how the Hex color F200E4 looks on a white background.

Color Contrast Check

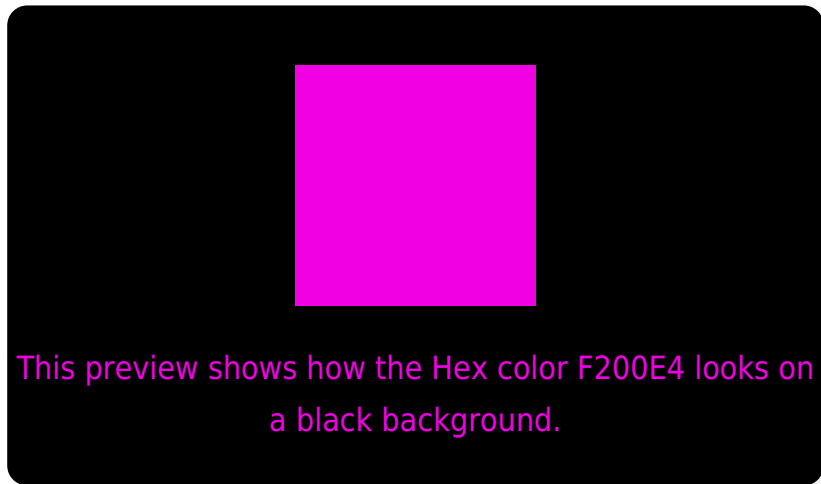
Large Text (above 18pt) WCAG AA ✓ Pass

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 F200E4 Background



This preview shows how black text looks on a background with the Hex color F200E4.

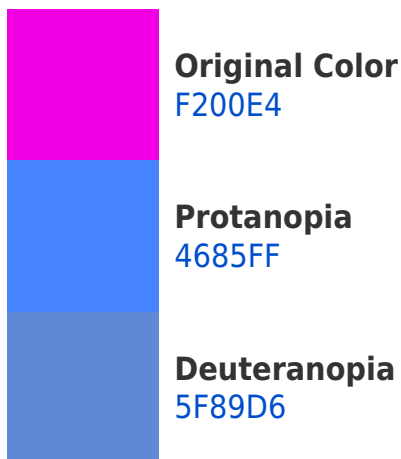


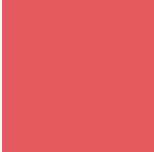
This preview shows how white text looks on a background with the Hex color F200E4.

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
E55A5F

Trichromacy



Original Color
F200E4



Protanomaly
8555F5



Deuteranomaly
9457DB



Tritanomaly
EA398F

Monochromacy



Original Color
F200E4



Achromatopsia
626262



Achromatomaly
963E91

CSS Examples

Text

The CSS property to change the color of the text to Hex F200E4 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 #F200E4 looks like.

```
.text, #text, p{  
    color:#F200E4  
}
```

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 #F200E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F200E4
}
```

Border

The CSS property to change the border of an element to Hex F200E4 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
#F200E4 }
```

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

```
.border{ border-color:#F200E4 }
```

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

Here you see how a box with a 4 pixel #F200E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F200E4; -webkit-box-shadow:4px 4px  
4px 4px #F200E4; box-shadow:4px 4px 4px  
4px #F200E4 }
```

Background

The CSS property to change the background color of an element to Hex F200E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F200E4 }
```

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

```
.background{ background-color:#F200E4 }
```

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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