

Converting Colors

Hex(CF2FEB)

Have a look what the booklet for
Hex(CF2FEB) contains.

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Color

Hex(CF2FEB)

Conversions

Conversions Part 1

Format	Color
Hex	CF2FEB
RGB	207, 47, 235
RGB Percent	81%, 18%, 92%
CMY	0.1882, 0.8157, 0.0784
CMYK	0.12, 0.80, 0.00, 0.08
HSL	291°, 82%, 55%
HSV	291°, 80%, 92%
XYZ	41.7440, 21.2966, 80.5078
YIQ	116.2720, 35.0120, 92.3880

Conversions

Conversions Part 2

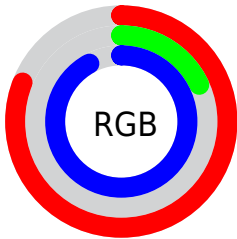
Format	Color
R_{YB}	207, 47, 235
Decimal	13578219
CIE _{Lab}	53.27, 81.47, -61.42
CIE _{LCh}	53, 102.029, 322.991
Yxy	21.2966, 0.2908, 0.1484
Android (android.graphics.Color)	4291768299 (0xFFCF2FEB)
YUV	116.2720, 58.5329, 79.5685
Hunter-Lab	46.1482, 80.7053, -71.1304

Details

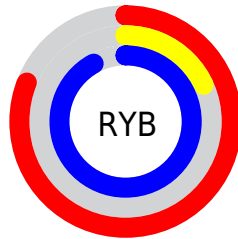
The Hex color **CF2FEB** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **4BEB2F**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF71FF**, and **9400B2** is the 20% darker color. If you saturate the color by 10%, you get **CC17EB**, and if you desaturate by 10%, it is **D347EB**.

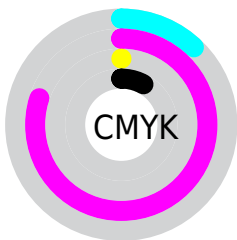
Distribution



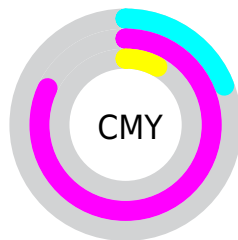
- Red (81%)
- Green (18%)
- Blue (92%)



- Red (81%)
- Yellow (18%)
- Blue (92%)



- Cyan (12%)
- Magenta (80%)
- Yellow (0%)
- Black (8%)



- Cyan (19%)
- Magenta (82%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF2FEB 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 CF2FEB by changing the saturation by 10% instead.

 CF2FEB

 CF2FEB

FFFFFF

 B100CE

 FF71FF

 9400B2

 FF8FFF

 760097

 FFACFF

 59007C

 FFCAFF

 3D0062

 FFE8FF

 1E0049

 000032

 00011C

 000000

 CF2FEB

 CF2FEB

 CC17EB

 D347EB

 C800EB

 D65EEB

 DA76EB

 DD8DEB

 E1A4EB

 E4BCEB

 E8D3EB

 EBEBEB

 EEFFEB

Harmonies

Analogous

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



0072FF



CF2FEB



FF0098

Triad

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



CF2FEB



AC7500



00A2C2

Complementary

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



CF2FEB



4BEB2F

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.



00A067



CF2FEB



598E00

Square

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



CF2FEB



E94300



009A00



009FFF

Rectangle

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



CF2FEB



FF005E



009A00



00A1A5

Sweetspot

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



CF2FEB



F6C2FF



2F4BEB



7A5B80



000000



808080

Same Dimension

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



CF2FEB



DB0AFF



EB2FA9



746A75



9A00B5



2E0036

Inverse Universe

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



EB2F4B



FF0A2F



2FEB71



756A6B



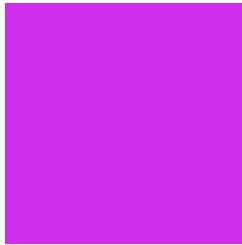
B5001B



360008

Previews

White Background



This preview shows how the Hex color CF2FEB looks on a white background.

Color Contrast Check

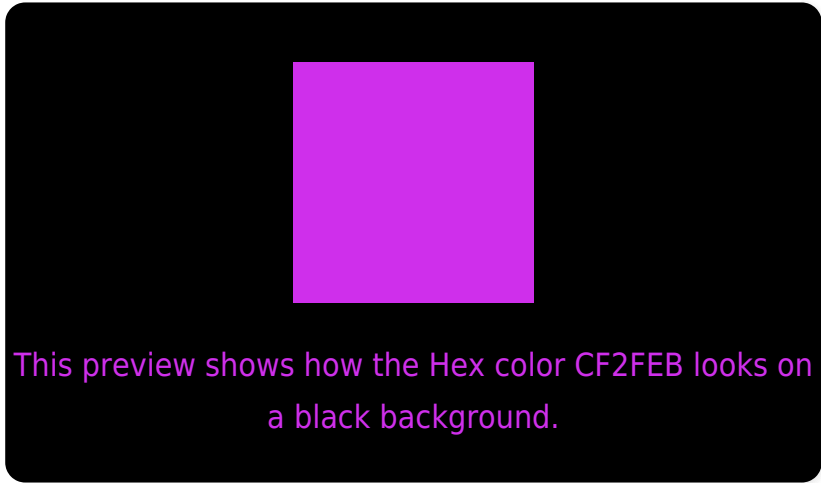
Large Text (above 18pt) WCAG AA ✓ Pass

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

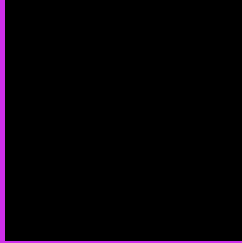
Any Text WCAG AA ✓ Pass

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 CF2FEB Background



This preview shows how black text looks on a background with the Hex color CF2FEB.

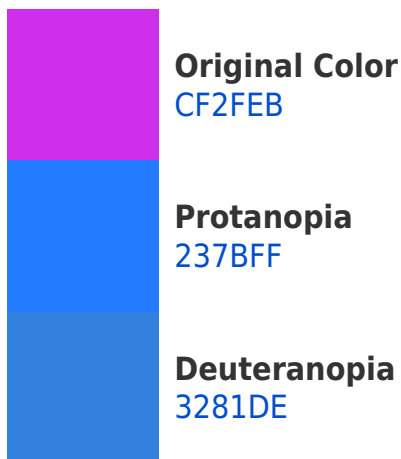


This preview shows how white text looks on a background with the Hex color CF2FEB.

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](#).

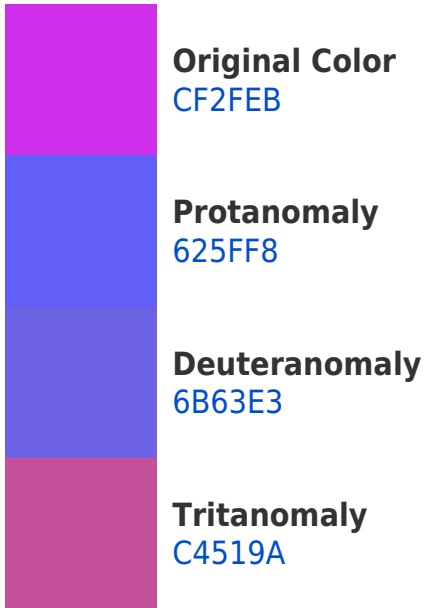
Dichromacy





Tritanopia
BE646B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CF2FEB 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 #CF2FEB looks like.

```
.text, #text, p{  
    color:#CF2FEB  
}
```

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 #CF2FEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF2FEB
}
```

Border

The CSS property to change the border of an element to Hex CF2FEB 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
#CF2FEB }
```

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

```
.border{ border-color:#CF2FEB }
```

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

Here you see how a box with a 4 pixel #CF2FEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF2FEB; -webkit-box-shadow:4px 4px  
4px 4px #CF2FEB; box-shadow:4px 4px 4px  
4px #CF2FEB }
```

Background

The CSS property to change the background color of an element to Hex CF2FEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF2FEB }
```

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

```
.background{ background-color:#CF2FEB }
```

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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