

Converting Colors

Hex(F22789)

Have a look what the booklet for
Hex(F22789) contains.

Hex(F22789)	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(F22789)

Conversions

Conversions Part 1

Format	Color
Hex	F22789
RGB	242, 39, 137
RGB Percent	95%, 15%, 54%
CMY	0.0510, 0.8471, 0.4627
CMYK	0.00, 0.84, 0.43, 0.05
HSL	331°, 89%, 55%
HSV	331°, 84%, 95%
XYZ	41.8588, 22.1344, 25.7331
YIQ	110.8690, 89.5300, 73.5140

Conversions

Conversions Part 2

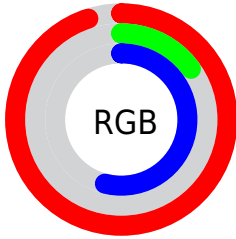
Format	Color
R_{YB}	242, 39, 137
Decimal	15869833
CIE _{Lab}	54.17, 77.96, -2.67
CIE _{LCh}	54, 78.003, 358.037
Yxy	22.1344, 0.4665, 0.2467
Android (android.graphics.Color)	4294059913 (0xFFFF22789)
YUV	110.8690, 12.8826, 115.0019
Hunter-Lab	47.0472, 76.4822, 0.5037

Details

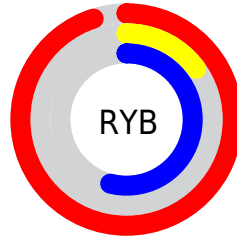
The Hex color **F22789** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **27F290**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **FF6EBE**, and **B40057** is the 20% darker color. If you saturate the color by 10%, you get **F20F7C**, and if you desaturate by 10%, it is **F23F96**.

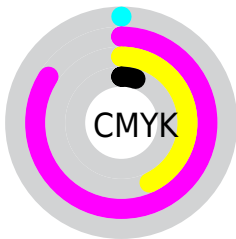
Distribution



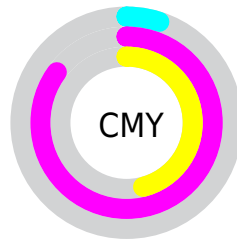
- Red (95%)
- Green (15%)
- Blue (54%)



- Red (95%)
- Yellow (15%)
- Blue (54%)



- Cyan (0%)
- Magenta (84%)
- Yellow (43%)
- Black (5%)



- Cyan (5%)
- Magenta (85%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color F22789 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 F22789 by changing the saturation by 10% instead.

 F22789

 F22789

FFFFFF

 D30070

 FF6EBE

 B40057

 FF8CDA

 950040

 FFAAF6

 77002B

 FFC8FF

 590016

 FFE6FF

 3C0003

 150000

 000000

 F22789

 F22789

 F20F7C

 F23F96

 F20075

 F257A2

 F270AF

 F288BB

 F2A0C8

 F2B8D4

 F2D0E1

 F2E9ED

 F2FFFA

Harmonies

Analogous

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



CC4BCA



F22789



F13947

Triad

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



F22789



5E9000



009AF4

Complementary

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



F22789



27F290

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.



009EBF



F22789



009A33

Square

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



F22789



A17D00



009E7B



008CFF

Rectangle

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



F22789



DF5419



009E7B



009CE5

Sweetspot

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



F22789



FFBFDE



9027F2



80596C



000000



808080

Same Dimension

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



F22789



FF007B



F22A27



786C72



B80059



38001B

Inverse Universe

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



F22789



FF007B



27EFF2



786C72



B80059



38001B

Previews

White Background



This preview shows how the Hex color F22789 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 F22789 Background



This preview shows how black text looks on a background with the Hex color F22789.



This preview shows how white text looks on a background with the Hex color F22789.

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



Trichromacy



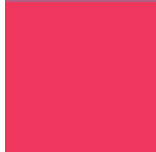
Original Color
F22789



Protanomaly
9E60AB



Deuteranomaly
B45E83

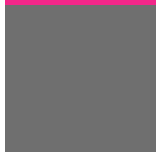


Tritanomaly
EF365C

Monochromacy



Original Color
F22789



Achromatopsia
6F6F6F



Achromatomaly
9F5578

CSS Examples

Text

The CSS property to change the color of the text to Hex F22789 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 #F22789 looks like.

```
.text, #text, p{  
    color:#F22789  
}
```

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 #F22789 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F22789
}
```

Border

The CSS property to change the border of an element to Hex F22789 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
#F22789 }
```

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

```
.border{ border-color:#F22789 }
```

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

Here you see how a box with a 4 pixel #F22789 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F22789; -webkit-box-shadow:4px 4px  
4px 4px #F22789; box-shadow:4px 4px 4px  
4px #F22789 }
```

Background

The CSS property to change the background color of an element to Hex F22789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F22789 }
```

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

```
.background{ background-color:#F22789 }
```

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