

Converting Colors

Hex(F09DB3)

Have a look what the booklet for
Hex(F09DB3) contains.

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Color

Hex(F09DB3)

Conversions

Conversions Part 1

Format	Color
Hex	F09DB3
RGB	240, 157, 179
RGB Percent	94%, 62%, 70%
CMY	0.0588, 0.3843, 0.2980
CMYK	0.00, 0.35, 0.25, 0.06
HSL	344°, 73%, 78%
HSV	344°, 35%, 94%
XYZ	56.1288, 45.8939, 48.5479
YIQ	184.3250, 42.4060, 24.4380

Conversions

Conversions Part 2

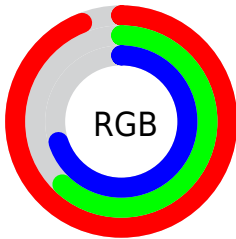
Format	Color
R _Y B	240, 157, 179
Decimal	15769011
CIE Lab	73.48, 33.81, 1.48
CIE LCh	73, 33.845, 2.503
Yxy	45.8939, 0.3728, 0.3048
Android (android.graphics.Color)	4293959091 (0xFFFF09DB3)
YUV	184.3250, -2.6252, 48.8270
Hunter-Lab	67.7450, 29.3390, 4.9327

Details

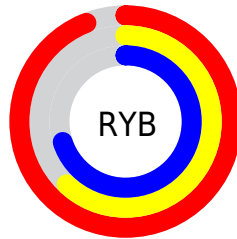
The Hex color **F09DB3** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **9DF0DA**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **FFD4EB**, and **B6687E** is the 20% darker color. If you saturate the color by 10%, you get **F085A1**, and if you desaturate by 10%, it is **F0B5C5**.

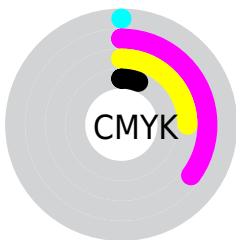
Distribution



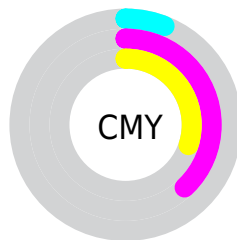
- Red (94%)
- Green (62%)
- Blue (70%)



- Red (94%)
- Yellow (62%)
- Blue (70%)



- Cyan (0%)
- Magenta (35%)
- Yellow (25%)
- Black (6%)



- Cyan (6%)
- Magenta (38%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color F09DB3 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 F09DB3 by changing the saturation by 10% instead.

 F09DB3

 F09DB3

FFFFFF

 D38298

 FFD4EB

 B6687E

 FFF1FF

 9A4F65

 7F374E

 641E37

 4A0322

 33000B

 0E0000

 000000

 F09DB3

 F09DB3

 F085A1

 F0B5C5

 F06D90

 F0CDD6

 F0557E

 F0E5E8

 F03D6C

 F0FDFA

 F0255B

 F0FFFF

 F00D49

 F00040

Harmonies

Analogous

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



DEA2D2



F09DB3



F0A095

Triad

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



F09DB3



A6BD7F



61BFEB

Complementary

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



F09DB3



9DF0DA

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.



4AC4D5



F09DB3



82C397

Square

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



F09DB3



C7B376



5EC5B6



8FB7F2

Rectangle

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



F09DB3



E8A584



5EC5B6



55C1E5

Sweetspot

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



F09DB3



FFE6EC



DA9DF0



807074



000000



808080

Same Dimension

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



F09DB3



FF94B0



F0B09D



786C6F



B80031



38000F

Inverse Universe

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



F09DB3



FF94B0



9DDDF0



786C6F



B80031



38000F

Previews

White Background



This preview shows how the Hex color F09DB3 looks on a white background.

Color Contrast Check

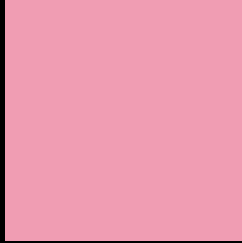
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color F09DB3 looks on a 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex F09DB3 Background



This preview shows how black text looks on a background with the Hex color F09DB3.

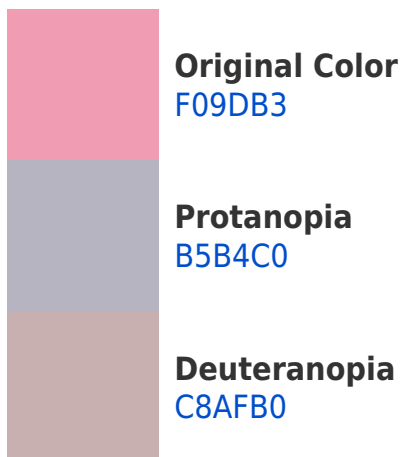


This preview shows how white text looks on a background with the Hex color F09DB3.

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
EF9EAA

Trichromacy



Original Color
F09DB3



Protanomaly
CAACBB



Deuteranomaly
D7A8B1



Tritanomaly
EF9EAD

Monochromacy



Original Color
F09DB3



Achromatopsia
B8B8B8



Achromatomaly
CCAEB6

CSS Examples

Text

The CSS property to change the color of the text to Hex F09DB3 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 #F09DB3 looks like.

```
.text, #text, p{  
    color:#F09DB3  
}
```

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 #F09DB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F09DB3
}
```

Border

The CSS property to change the border of an element to Hex F09DB3 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
#F09DB3 }
```

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

```
.border{ border-color:#F09DB3 }
```

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

Here you see how a box with a 4 pixel #F09DB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F09DB3; -webkit-box-shadow:4px 4px  
4px 4px #F09DB3; box-shadow:4px 4px 4px  
4px #F09DB3 }
```

Background

The CSS property to change the background color of an element to Hex F09DB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F09DB3 }
```

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

```
.background{ background-color:#F09DB3 }
```

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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