

Converting Colors

Hex(F612B5)

Have a look what the booklet for
Hex(F612B5) contains.

Hex(F612B5)	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(F612B5)

Conversions

Conversions Part 1

Format	Color
Hex	F612B5
RGB	246, 18, 181
RGB Percent	96%, 7%, 71%
CMY	0.0353, 0.9294, 0.2902
CMYK	0.00, 0.93, 0.26, 0.04
HSL	317°, 93%, 52%
HSV	317°, 93%, 96%
XYZ	46.5628, 23.3616, 45.7712
YIQ	104.7540, 83.5650, 99.0290

Conversions

Conversions Part 2

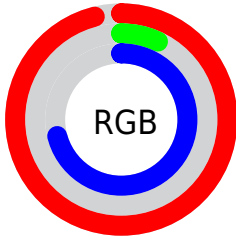
Format	Color
R _Y B	246, 18, 181
Decimal	16126645
CIE Lab	55.44, 86.21, -26.64
CIE LCh	55, 90.238, 342.827
Yxy	23.3616, 0.4025, 0.2019
Android (android.graphics.Color)	4294316725 (0xFFFF612B5)
YUV	104.7540, 37.5893, 123.8727
Hunter-Lab	48.3339, 87.3751, -22.3127

Details

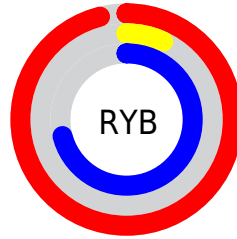
The Hex color **F612B5** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **12F653**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FF68ED**, and **B80080** is the 20% darker color. If you saturate the color by 10%, you get **F600B0**, and if you desaturate by 10%, it is **F62BBC**.

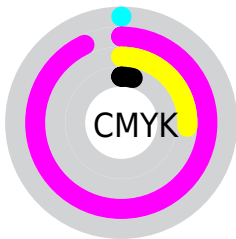
Distribution



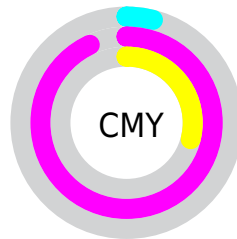
- Red (96%)
- Green (7%)
- Blue (71%)



- Red (96%)
- Yellow (7%)
- Blue (71%)



- Cyan (0%)
- Magenta (93%)
- Yellow (26%)
- Black (4%)



- Cyan (4%)
- Magenta (93%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color F612B5 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 F612B5 by changing the saturation by 10% instead.

 F612B5

 F612B5

FFFFFF

 D7009A

 FF68ED

 B80080

 FF87FF

 9A0067

 FFA6FF

 7C004E

 FFC5FF

 5F0037

 FFE3FF

 420021

 240005

 000000

 F612B5

 F612B5

 F600B0

 F62BBC

 F643C3

 F65CCA

 F674D1

 F68DD8

 F6A6DF

 F6BEE6

 F6D7ED

 F6EFF4

Harmonies

Analogous

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



AE5BF9



F612B5



FF0067

Triad

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



F612B5



838C00



00A4EF

Complementary

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



F612B5



12F653

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.



00A5A6



F612B5



009B00

Square

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



F612B5



C57000



00A253



009BFF

Rectangle

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



F612B5



FF2B35



00A253



00A5D9

Sweetspot

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



F612B5



FFB8EB



5312F6



805473



000000



808080

Same Dimension

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



F612B5



FF00B6



F61243



7A6E77



BA0085



3B002A

Inverse Universe

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



F612B5



FF00B6



12F6C5



7A6E77



BA0085



3B002A

Previews

White Background



This preview shows how the Hex color F612B5 looks on a white background.

Color Contrast Check

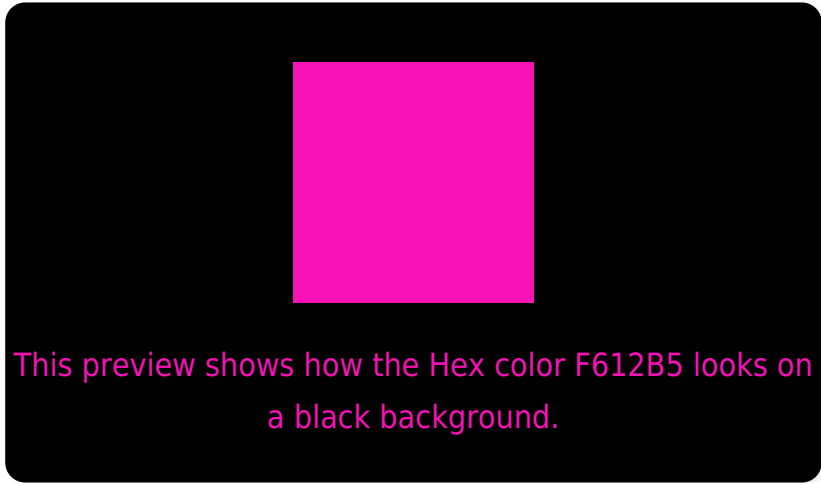
Large Text (above 18pt) WCAG AA ✓ Pass

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 F612B5 Background



This preview shows how black text looks on a background with the Hex color F612B5.



This preview shows how white text looks on a background with the Hex color F612B5.

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
F612B5



Protanomaly
8259E4



Deuteranomaly
AB5AAD



Tritanomaly
F13572

Monochromacy



Original Color
F612B5



Achromatopsia
696969



Achromatomaly
9C4985

CSS Examples

Text

The CSS property to change the color of the text to Hex F612B5 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 #F612B5 looks like.

```
.text, #text, p{  
    color:#F612B5  
}
```

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 #F612B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F612B5
}
```

Border

The CSS property to change the border of an element to Hex F612B5 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
#F612B5 }
```

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

```
.border{ border-color:#F612B5 }
```

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

Here you see how a box with a 4 pixel #F612B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F612B5; -webkit-box-shadow:4px 4px  
4px 4px #F612B5; box-shadow:4px 4px 4px  
4px #F612B5 }
```

Background

The CSS property to change the background color of an element to Hex F612B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F612B5 }
```

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

```
.background{ background-color:#F612B5 }
```

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