

Converting Colors

Hex(F24AC4)

Have a look what the booklet for
Hex(F24AC4) contains.

Hex(F24AC4)	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(F24AC4)

Conversions

Conversions Part 1

Format	Color
Hex	F24AC4
RGB	242, 74, 196
RGB Percent	95%, 29%, 77%
CMY	0.0510, 0.7098, 0.2314
CMYK	0.00, 0.69, 0.19, 0.05
HSL	316°, 87%, 62%
HSV	316°, 69%, 95%
XYZ	49.0305, 27.7603, 54.9986
YIQ	138.1400, 60.9660, 73.5580

Conversions

Conversions Part 2

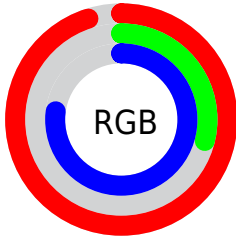
Format	Color
R _Y B	242, 74, 196
Decimal	15878852
CIE Lab	59.67, 74.83, -28.81
CIE LCh	60, 80.186, 338.942
Yxy	27.7603, 0.3720, 0.2106
Android (android.graphics.Color)	4294068932 (0xFFFF24AC4)
YUV	138.1400, 28.5250, 91.0852
Hunter-Lab	52.6881, 73.9046, -25.0084

Details

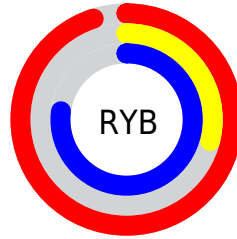
The Hex color **F24AC4** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed magenta. A complement of this color would be **4AF278**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF87FD**, and **B6008E** is the 20% darker color. If you saturate the color by 10%, you get **F232BD**, and if you desaturate by 10%, it is **F262CB**.

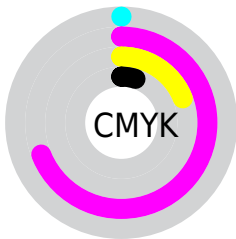
Distribution



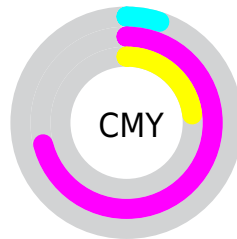
- Red (95%)
- Green (29%)
- Blue (77%)



- Red (95%)
- Yellow (29%)
- Blue (77%)



- Cyan (0%)
- Magenta (69%)
- Yellow (19%)
- Black (5%)



- Cyan (5%)
- Magenta (71%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color F24AC4 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 F24AC4 by changing the saturation by 10% instead.

 F24AC4

 F24AC4

FFFFFF

 D425A9

 FF87FD

 B6008E

 FFA4FF

 980074

 FFC2FF

 7B005B

 FFE0FF

 5F0043

FFFEFF

 45002D

 270017

 000000

 F24AC4

 F24AC4

 F232BD

 F262CB

 F21AB7

 F27AD1

 F201B0

 F293D8

 F200B0

 F2ABDF

 F2C3E5

 F2DBEC

 F2F3F2

 F2FFF9

 F2FFFF

Harmonies

Analogous

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



AA72FF



F24AC4



FF387E

Triad

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



F24AC4



9A9400



00ADE7

Complementary

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



F24AC4



4AF278

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.



00AFA4



F24AC4



4AA300

Square

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



F24AC4



D57900



00AB5A



00A5FF

Rectangle

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



F24AC4



FF4950



00AB5A



00AED3

Sweetspot

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



F24AC4



FFC9F0



774AF2



806077



000000



808080

Same Dimension

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



F24AC4



FF2BC5



F24A71



786C75



B80085



380029

Inverse Universe

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



F24AC4



FF2BC5



4AF2CB



786C75



B80085



380029

Previews

White Background



This preview shows how the Hex color F24AC4 looks on a white background.

Color Contrast Check

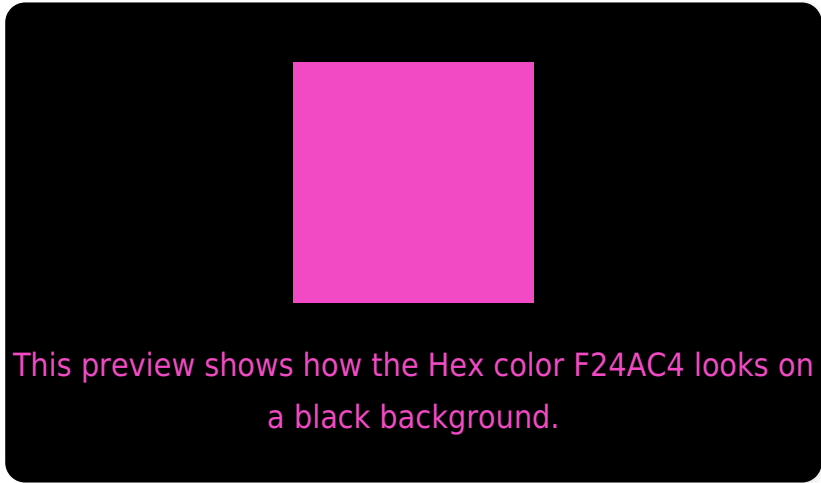
Large Text (above 18pt) WCAG AA ✓ Pass

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 F24AC4 Background



This preview shows how black text looks on a background with the Hex color F24AC4.

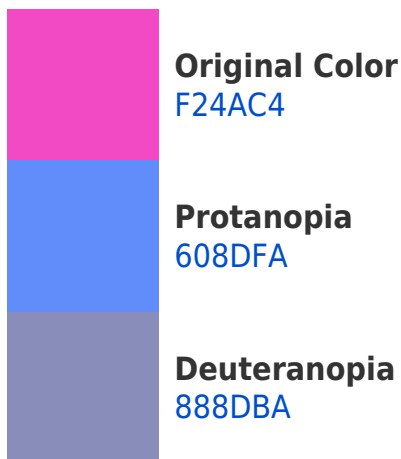


This preview shows how white text looks on a background with the Hex color F24AC4.

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](#).

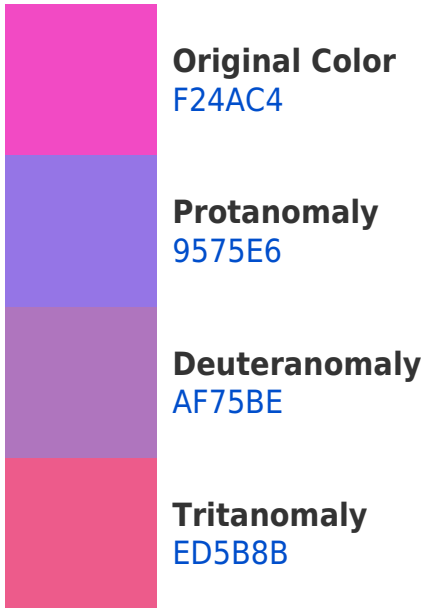
Dichromacy



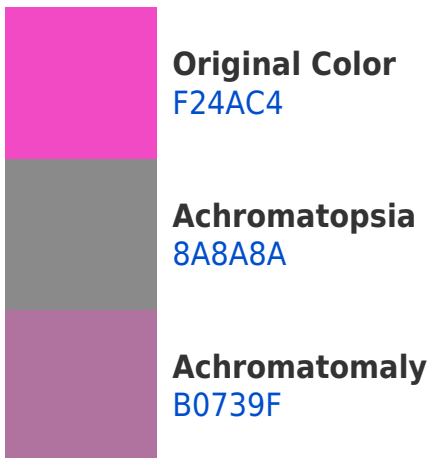


Tritanopia
EA646B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F24AC4 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 #F24AC4 looks like.

```
.text, #text, p{  
    color:#F24AC4  
}
```

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 #F24AC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F24AC4
}
```

Border

The CSS property to change the border of an element to Hex F24AC4 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
#F24AC4 }
```

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

```
.border{ border-color:#F24AC4 }
```

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

Here you see how a box with a 4 pixel #F24AC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F24AC4; -webkit-box-shadow:4px 4px  
4px 4px #F24AC4; box-shadow:4px 4px 4px  
4px #F24AC4 }
```

Background

The CSS property to change the background color of an element to Hex F24AC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F24AC4 }
```

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

```
.background{ background-color:#F24AC4 }
```

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