

# Converting Colors

Hex(F32464)

Have a look what the booklet for  
Hex(F32464) contains.

|  |    |
|--|----|
| <b>Hex(F32464)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

**Color**

**Hex(F32464)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | F32464                      |
| RGB         | 243, 36, 100                |
| RGB Percent | 95%, 14%, 39%               |
| CMY         | 0.0471, 0.8588, 0.6078      |
| CMYK        | 0.00, 0.85, 0.59, 0.05      |
| HSL         | 341°, 90%, 55%              |
| HSV         | 341°, 85%, 95%              |
| XYZ         | 39.8933, 21.2365, 14.0530   |
| YIQ         | 105.1890, 102.8280, 63.7880 |

# Conversions

## Conversions Part 2

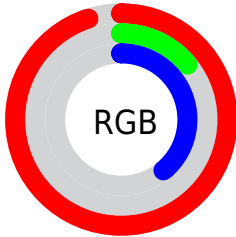
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 243, 36, 100                   |
| Decimal                             | 15934564                       |
| CIE <sub>Lab</sub>                  | 53.21, 76.05, 18.25            |
| CIE <sub>LCh</sub>                  | 53, 78.212, 13.494             |
| Yxy                                 | 21.2365, 0.5306,<br>0.2825     |
| Android<br>(android.graphics.Color) | 4294124644<br>(0xFFFF32464)    |
| YUV                                 | 105.1890, -2.5582,<br>120.8602 |
| Hunter-Lab                          | 46.0831, 73.8786,<br>14.1777   |

# Details

The Hex color **F32464** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed rose. A complement of this color would be **24F3B3**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **FF6B96**, and **B30036** is the 20% darker color. If you saturate the color by 10%, you get **F30C53**, and if you desaturate by 10%, it is **F33C75**.

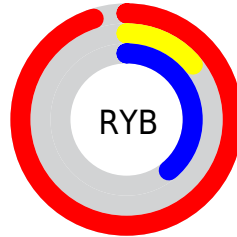
# Distribution



Red (95%)

Green (14%)

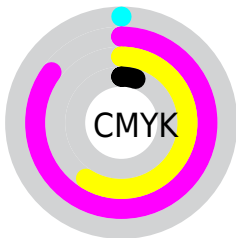
Blue (39%)



Red (95%)

Yellow (14%)

Blue (39%)

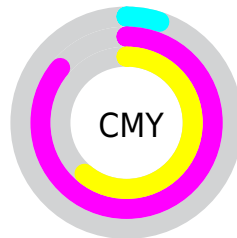


Cyan (0%)

Magenta (85%)

Yellow (59%)

Black (5%)



Cyan (5%)

Magenta (86%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F32464 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 F32464 by changing the saturation by 10% instead.



 F32464

 F32464

FFFFFF

 D3004C

 FF6B96

 B30036

 FF8AB1

 940022

 FFA7CC

 75000C

 FFC5E8

 560003

 FFE4FF

 370002

 0A0000

 000000

 F32464

 F32464

 F30C53

 F33C75

 F3004B

 F35586

 F36D96

 F385A7

 F39DB8

 F3B6C9

 F3CEDA

 F3E6EA

 F3FFF8

# Harmonies

## Analogous

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



E231A7



F32464



E24B22

# Triad

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



F32464



239300



0091FF

# Complementary

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



F32464



24F3B3

# 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.



009ADB



F32464



009A56

# Square

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



F32464



7E8600



009C9D



007DFF

# Rectangle

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



F32464



C86400



009C9D



0095F8



# Sweetspot

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



F32464



FFBDD1



B124F3



805864



000000



808080



# Same Dimension

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



F32464



FF004F



F34A24



7A6E72



BA003A



3B0012



# Inverse Universe

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



F32464



FF004F



24CDF3



7A6E72



BA003A



3B0012



# Previews

## White Background



This preview shows how the Hex color F32464 looks on a white background.

## Color Contrast Check

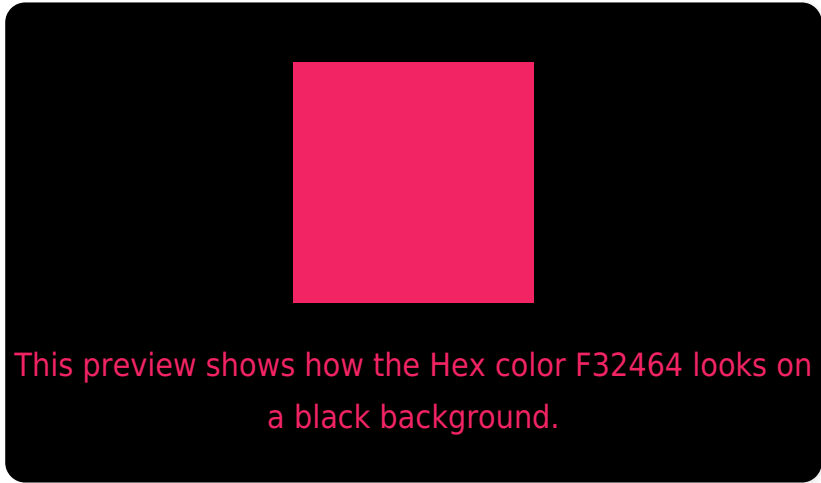
Large Text (above 18pt) WCAG AA ✓ Pass

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 F32464 Background



This preview shows how black text looks on a background with the Hex color F32464.

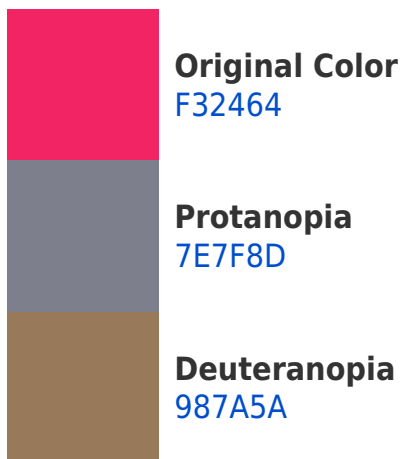



This preview shows how white text looks on a background with the Hex color F32464.

# 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**  
F13333

# Trichromacy



**Original Color**  
F32464



**Protanomaly**  
A95E7E



**Deuteranomaly**  
B95B5E

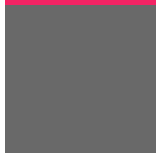


**Tritanomaly**  
F22E45

# Monochromacy



**Original Color**  
F32464



**Achromatopsia**  
696969



**Achromatomaly**  
9B5067

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F32464 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 #F32464 looks like.

```
.text, #text, p{  
    color:#F32464  
}
```

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 #F32464 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F32464
}
```

## Border

The CSS property to change the border of an element to Hex F32464 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
#F32464 }
```

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

```
.border{ border-color:#F32464 }
```

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

Here you see how a box with a 4 pixel #F32464 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F32464; -webkit-box-shadow:4px 4px  
4px 4px #F32464; box-shadow:4px 4px 4px  
4px #F32464 }
```

# Background

The CSS property to change the background color of an element to Hex F32464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F32464 }
```

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

```
.background{ background-color:#F32464 }
```

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