

# Converting Colors

Hex(F32242)

Have a look what the booklet for  
Hex(F32242) contains.

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# Color

Hex(F32242)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | F32242                      |
| RGB         | 243, 34, 66                 |
| RGB Percent | 95%, 13%, 26%               |
| CMY         | 0.0471, 0.8667, 0.7412      |
| CMYK        | 0.00, 0.86, 0.73, 0.05      |
| HSL         | 351°, 90%, 54%              |
| HSV         | 351°, 86%, 95%              |
| XYZ         | 38.5175, 20.5921, 7.0988    |
| YIQ         | 100.1390, 114.2920, 54.2600 |

# Conversions

## Conversions Part 2

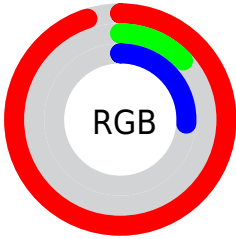
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>R<sub>YB</sub></b>               | 243, 34, 66                     |
| Decimal                             | 15934018                        |
| CIE Lab                             | 52.50, 74.75, 37.61             |
| CIE LCh                             | 53, 83.676, 26.708              |
| Yxy                                 | 20.5921, 0.5818,<br>0.3110      |
| Android<br>(android.graphics.Color) | 4294124098<br>(0xFFFF32242)     |
| YUV                                 | 100.1390, -16.8305,<br>125.2891 |
| Hunter-Lab                          | 45.3785, 72.0995,<br>22.4899    |

# Details

The Hex color **F32242** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **22F3D3**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF6972**, and **B20017** is the 20% darker color. If you saturate the color by 10%, you get **F30A2D**, and if you desaturate by 10%, it is **F33A57**.

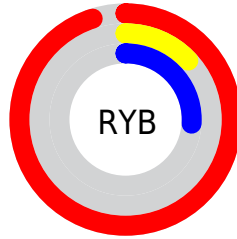
# Distribution



Red (95%)

Green (13%)

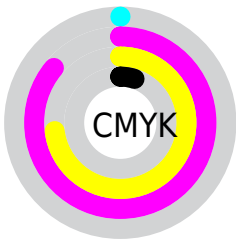
Blue (26%)



Red (95%)

Yellow (13%)

Blue (26%)

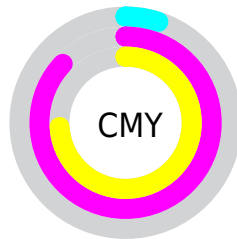


Cyan (0%)

Magenta (86%)

Yellow (73%)

Black (5%)



Cyan (5%)

Magenta (87%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F32242 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 F32242 by changing the saturation by 10% instead.



 F32242

 F32242

FFFFFF

 D2002C

 FF6972

 B20017

 FF888C

 920000

 FFA5A6

 720001

 FFC3C1

 530003

 FFE1DD

 340002

 FFFFFA

 000000

 F32242

 F32242

 F30A2D

 F33A57

 F30025

 F3536B

 F36B80

 F38394

 F39BA9

 F3B4BD

 F3CCD2

 F3E4E7

 F3FDFB

# Harmonies

## Analogous

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



F30088



F32242



D35700

# Triad

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



F32242



009623



0089FF

# Complementary

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



F32242



22F3D3

# 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.



0097F6



F32242



009A73

# Square

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



F32242



598C00



009BBC



5B6EFF

# Rectangle

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



F32242



B26E00



009BBC



008FFF



# Sweetspot

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



F32242



FFBDC7



D022F3



80585E



000000



808080



# Same Dimension

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



F32242



FF0027



F36822



7A6E70



BA001D



3B0009



# Inverse Universe

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



F32242



FF0027



22ADF3



7A6E70



BA001D



3B0009



# Previews

## White Background



This preview shows how the Hex color F32242 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 F32242 Background



This preview shows how black text looks on a background with the Hex color F32242.



This preview shows how white text looks on a background with the Hex color F32242.

# 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



**Original Color**  
F32242

**Protanopia**  
877E60

**Deuteranopia**  
9C7836



**Tritanopia**  
F22826

# Trichromacy



**Original Color**  
F32242



**Protanomaly**  
AE5D55



**Deuteranomaly**  
BC593A



**Tritanomaly**  
F22630

# Monochromacy



**Original Color**  
F32242



**Achromatopsia**  
646464



**Achromatomaly**  
984C58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F32242 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 #F32242 looks like.

```
.text, #text, p{  
    color:#F32242  
}
```

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 #F32242 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F32242
}
```

## Border

The CSS property to change the border of an element to Hex F32242 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
#F32242 }
```

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

```
.border{ border-color:#F32242 }
```

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

Here you see how a box with a 4 pixel #F32242 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F32242; -webkit-box-shadow:4px 4px  
4px 4px #F32242; box-shadow:4px 4px 4px  
4px #F32242 }
```

# Background

The CSS property to change the background color of an element to Hex F32242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F32242 }
```

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

```
.background{ background-color:#F32242 }
```

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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