

Converting Colors

Hex(F63172)

Have a look what the booklet for
Hex(F63172) contains.

Hex(F63172)	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(F63172)

Conversions

Conversions Part 1

Format	Color
Hex	F63172
RGB	246, 49, 114
RGB Percent	96%, 19%, 45%
CMY	0.0353, 0.8078, 0.5529
CMYK	0.00, 0.80, 0.54, 0.04
HSL	340°, 92%, 58%
HSV	340°, 80%, 96%
XYZ	42.1416, 23.0044, 18.1388
YIQ	115.3130, 96.5470, 61.9790

Conversions

Conversions Part 2

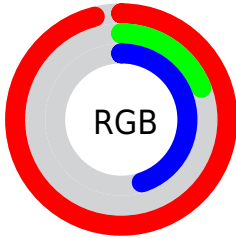
Format	Color
R_{YB}	246, 49, 114
Decimal	16134514
CIE _{Lab}	55.08, 74.90, 12.50
CIE _{LCh}	55, 75.936, 9.474
Yxy	23.0044, 0.5060, 0.2762
Android (android.graphics.Color)	4294324594 (0xFFFF63172)
YUV	115.3130, -0.6473, 114.6125
Hunter-Lab	47.9629, 72.9005, 11.1515

Details

The Hex color **F63172** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **31F6B5**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF73A6**, and **B70043** is the 20% darker color. If you saturate the color by 10%, you get **F61862**, and if you desaturate by 10%, it is **F64A82**.

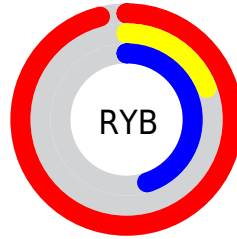
Distribution



Red (96%)

Green (19%)

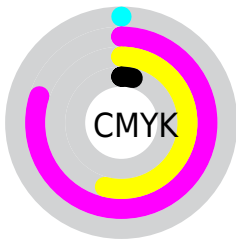
Blue (45%)



Red (96%)

Yellow (19%)

Blue (45%)

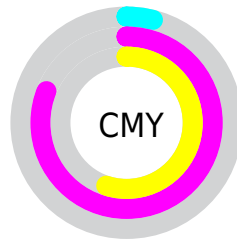


Cyan (0%)

Magenta (80%)

Yellow (54%)

Black (4%)



Cyan (4%)

Magenta (81%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color F63172 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 F63172 by changing the saturation by 10% instead.

 F63172

 F63172

FFFFFF

 D6005A

 FF73A6

 B70043

 FF91C1

 98002D

 FFAFDC

 790019

 FFCDF9

 5B0003

 FFE8FF

 3C0003

 170000

 000000

 F63172

 F63172

 F61862

 F64A82

 F60051

 F66293

 F67BA3

 F693B4

 F6ACC4

 F6C5D5

 F6DDE5

 F6F6F6

 F6FFFF

Harmonies

Analogous

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



E042B3



F63172



E94E33

Triad

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



F63172



419600



0097FF

Complementary

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



F63172



31F6B5

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.



009FD7



F63172



009E53

Square

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



F63172



8D8800



00A198



0085FF

Rectangle

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



F63172



D26500



00A198



009BF5

Sweetspot

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



F63172



FFC2D6



B431F6



805B67



000000



808080

Same Dimension

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



F63172



FF0A5B



F65231



7A6E72



BA003D



3B0013

Inverse Universe

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



F63172



FF0A5B



31D5F6



7A6E72



BA003D



3B0013

Previews

White Background



This preview shows how the Hex color F63172 looks on a white background.

Color Contrast Check

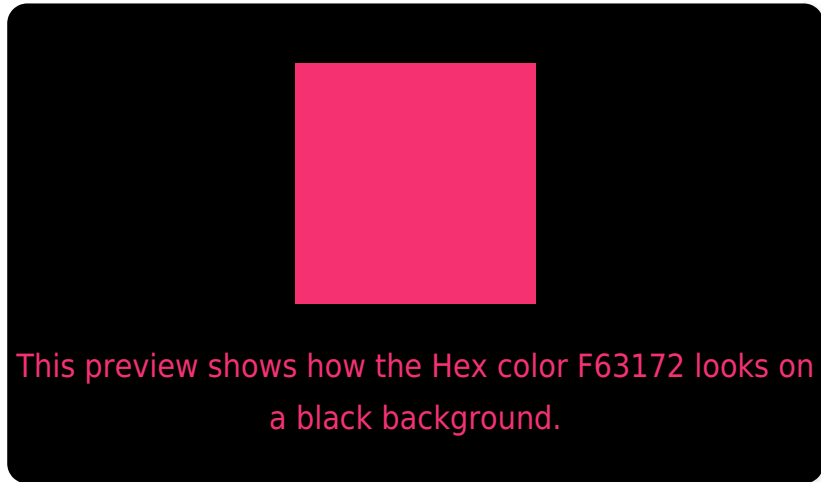
Large Text (above 18pt) WCAG AA ✓ Pass

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 F63172 Background



This preview shows how black text looks on a background with the Hex color F63172.



This preview shows how white text looks on a background with the Hex color F63172.

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
F63172

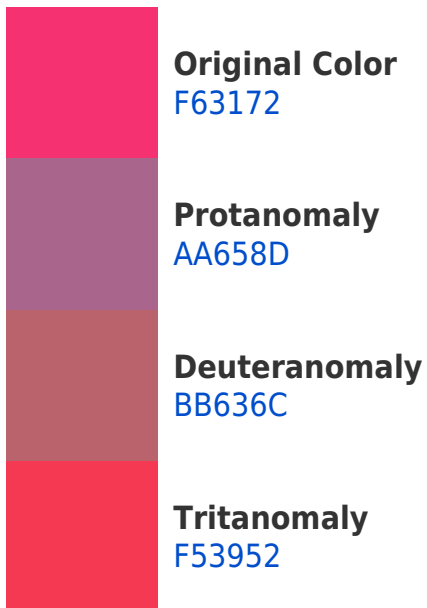
Protanopia
7F839C

Deuteranopia
9A7F69

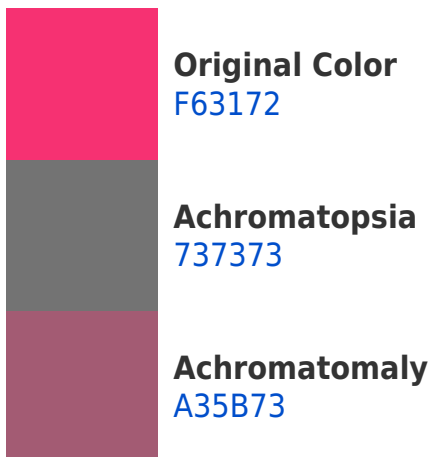


Tritanopia
F43E40

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F63172 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 #F63172 looks like.

```
.text, #text, p{  
    color:#F63172  
}
```

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 #F63172 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F63172
}
```

Border

The CSS property to change the border of an element to Hex F63172 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
#F63172 }
```

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

```
.border{ border-color:#F63172 }
```

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

Here you see how a box with a 4 pixel #F63172 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F63172; -webkit-box-shadow:4px 4px  
4px 4px #F63172; box-shadow:4px 4px 4px  
4px #F63172 }
```

Background

The CSS property to change the background color of an element to Hex F63172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F63172 }
```

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

```
.background{ background-color:#F63172 }
```

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