

Converting Colors

Hex(4F2348)

Have a look what the booklet for
Hex(4F2348) contains.

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Color

Hex(4F2348)

Conversions

Conversions Part 1

Format	Color
Hex	4F2348
RGB	79, 35, 72
RGB Percent	31%, 14%, 28%
CMY	0.6902, 0.8627, 0.7176
CMYK	0.00, 0.56, 0.09, 0.69
HSL	310°, 39%, 22%
HSV	310°, 56%, 31%
XYZ	4.9952, 3.3322, 6.5108
YIQ	52.3740, 14.3470, 20.8350

Conversions

Conversions Part 2

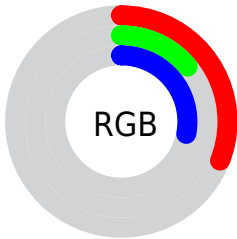
Format	Color
RYB	79, 35, 72
Decimal	5186376
CIELab	21.33, 26.39, -13.85
CIELCh	21, 29.804, 332.309
Yxy	3.3322, 0.3366, 0.2246
Android (android.graphics.Color)	4283376456 (0xFF4F2348)
YUV	52.3740, 9.6756, 23.3510
Hunter-Lab	18.2543, 16.9003, -8.3690




Details

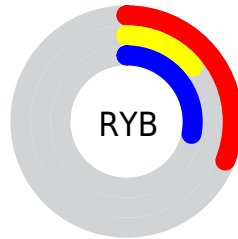
The Hex color **4F2348** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **234F2A**, and the grayscale version is **343434**.




A 20% lighter version of the original color is **825279**, and **24001D** is the 20% darker color. If you saturate the color by 10%, you get **4F1B47**, and if you desaturate by 10%, it is **4F2B49**.

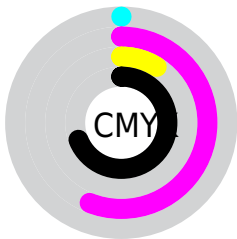
Distribution







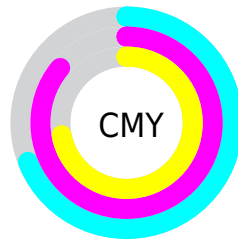
-  Red (31%)
-  Green (14%)
-  Blue (28%)






-  Red (31%)
-  Yellow (14%)
-  Blue (28%)



-  Cyan (0%)
-  Magenta (56%)
-  Yellow (9%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (86%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F2348 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 4F2348 by changing the saturation by 10% instead.

 4F2348

 4F2348

FFFFFF

 370C31

 825279

 24001D

 9C6A92

 000000

 B784AD

 D39EC8

 F0BAE4

 FFD5FF

 FFF2FF

 4F2348

 4F2348

■ 4F1B47

■ 4F2B49

■ 4F1345

■ 4F334B

■ 4F0B44

■ 4F3B4C

■ 4F0343

■ 4F434D

■ 4F0042

■ 4F4B4E

■ 4F5250

■ 4F5A51

■ 4F6252

■ 4F6A53

Harmonies

Analogous

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



362D59



4F2348



5A1E32

Triad

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



4F2348



3D3300



003D4A

Complementary

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



4F2348



234F2A

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.



003E34



4F2348



26390A

Square

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



4F2348



4E2A0A



003C1E



003B5A

Rectangle

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



4F2348



5B1F24



003C1E



003E43

Sweetspot

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



4F2348



665563



2A234F



332931



B3B3B3



333333

Same Dimension

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



4F2348



66225B



4F2332



262226



660056



E600C1

Inverse Universe

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



4F2348



66225B



234F40



262226



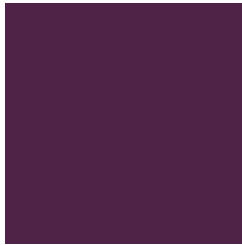
660056



E600C1

Previews

White Background



This preview shows how the Hex color 4F2348 looks on a white background.

Color Contrast Check

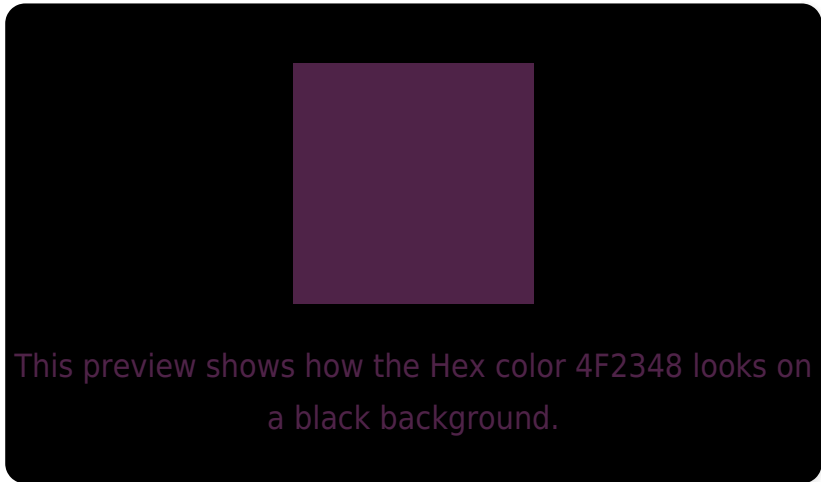
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

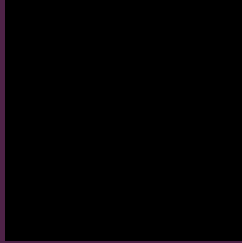
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4F2348 Background



This preview shows how black text looks on a background with the Hex color 4F2348.



This preview shows how white text looks on a background with the Hex color 4F2348.

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
4F2348

Protanopia
263355

Deuteranopia
2F3345



Tritanopia
4C2A2D

Trichromacy



Original Color
4F2348

Protanomaly
352D50

Deuteranomaly
3B2D46

Tritanomaly
4D2737

Monochromacy



Original Color
4F2348

Achromatopsia
343434

Achromatomaly
3E2E3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F2348 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 #4F2348 looks like.

```
.text, #text, p{  
    color:#4F2348  
}
```

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 #4F2348 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F2348
}
```

Border

The CSS property to change the border of an element to Hex 4F2348 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
#4F2348 }
```

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

```
.border{ border-color:#4F2348 }
```

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

Here you see how a box with a 4 pixel #4F2348 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F2348; -webkit-box-shadow:4px 4px  
4px 4px #4F2348; box-shadow:4px 4px 4px  
4px #4F2348 }
```

Background

The CSS property to change the background color of an element to Hex 4F2348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F2348 }
```

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

```
.background{ background-color:#4F2348 }
```

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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