

Converting Colors

Hex(4F0A68)

Have a look what the booklet for
Hex(4F0A68) contains.

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Color

Hex(4F0A68)

Conversions

Conversions Part 1

Format	Color
Hex	4F0A68
RGB	79, 10, 104
RGB Percent	31%, 4%, 41%
CMY	0.6902, 0.9608, 0.5922
CMYK	0.24, 0.90, 0.00, 0.59
HSL	284°, 82%, 22%
HSV	284°, 90%, 41%
XYZ	5.8317, 2.8788, 13.3450
YIQ	41.3470, 10.9500, 43.8620

Conversions

Conversions Part 2

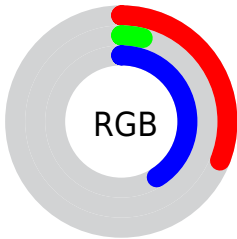
Format	Color
RYB	79, 10, 104
Decimal	5180008
CIELab	19.55, 43.97, -38.05
CIElCh	20, 58.144, 319.126
Yxy	2.8788, 0.2644, 0.1305
Android (android.graphics.Color)	4283370088 (0xFF4F0A68)
YUV	41.3470, 30.8879, 33.0217
Hunter-Lab	16.9671, 31.6590, -34.7560




Details

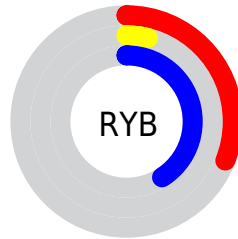
The Hex color **4F0A68** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **23680A**, and the grayscale version is **292929**.




A 20% lighter version of the original color is **84409C**, and **210038** is the 20% darker color. If you saturate the color by 10%, you get **4C0068**, and if you desaturate by 10%, it is **521468**.

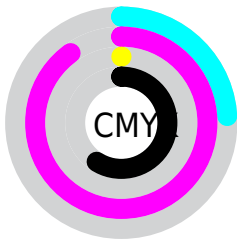
Distribution







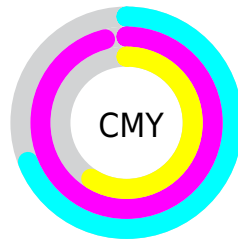
-  Red (31%)
-  Green (4%)
-  Blue (41%)






-  Red (31%)
-  Yellow (4%)
-  Blue (41%)



-  Cyan (24%)
-  Magenta (90%)
-  Yellow (0%)
-  Black (59%)



-  Cyan (69%)
-  Magenta (96%)
-  Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F0A68 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 4F0A68 by changing the saturation by 10% instead.

4F0A68

4F0A68

FFFEFF

35004F

84409C

210038

9F5AB7

000221

BB74D3

000007

D78EEF

000000

F4A9FF

FFC5FF

FFE1FF

4F0A68

4F0A68

■ 4C0068

■ 521468

■ 551F68

■ 572968

■ 5A3468

■ 5D3E68

■ 604868

■ 625368

■ 655D68

■ 686868

Harmonies

Analogous

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



002C82



4F0A68



6F0041

Triad

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



4F0A68



482800



003F4A

Complementary

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



4F0A68



23680A

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.



003E1E



4F0A68



213500

Square

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



4F0A68



640800



003B00



003F70

Rectangle

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



4F0A68



750025



003B00



003F3C

Sweetspot

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



4F0A68



7D6387



0A2368



3F2F45



C4C4C4



454545

Same Dimension

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



4F0A68



630087



680A52



322E33



540073



B200F2

Inverse Universe

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



680A23



870024



0A6820



332E2F



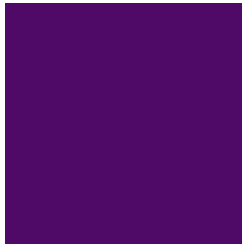
73001F



F20040

Previews

White Background



This preview shows how the Hex color 4F0A68 looks on a white background.

Color Contrast Check

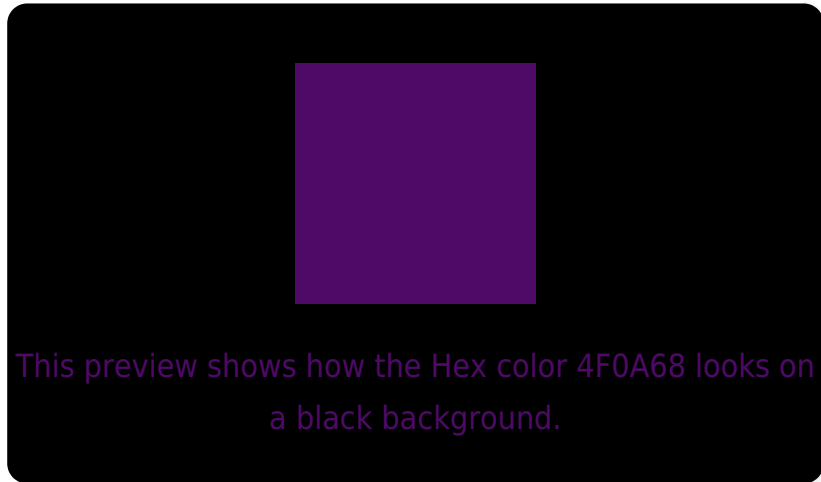
Large Text (above 18pt) WCAG AA ✓ Pass

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

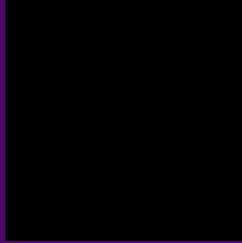
Any Text WCAG AA × Fail

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 4F0A68 Background



This preview shows how black text looks on a background with the Hex color 4F0A68.



This preview shows how white text looks on a background with the Hex color 4F0A68.

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
4F0A68

Protanopia
003065

Deuteranopia
003358



Tritanopia
46292C

Trichromacy



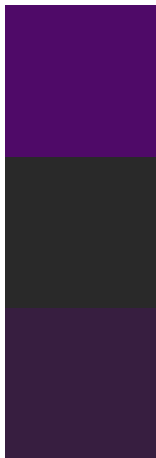
Original Color
4F0A68

Protanomaly
1D2266

Deuteranomaly
1D245E

Tritanomaly
491E42

Monochromacy



Original Color
4F0A68

Achromatopsia
292929

Achromatomaly
371E40

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F0A68 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 #4F0A68 looks like.

```
.text, #text, p{  
    color:#4F0A68  
}
```

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 #4F0A68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F0A68
}
```

Border

The CSS property to change the border of an element to Hex 4F0A68 is called "border". The border property can be set on classes, ids or directly on the HTML element.

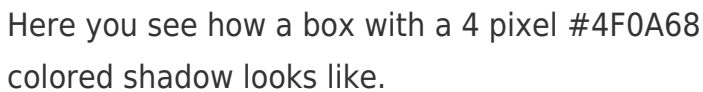
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F0A68 }
```

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

```
.border{ border-color:#4F0A68 }
```

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



Here you see how a box with a 4 pixel #4F0A68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F0A68; -webkit-box-shadow:4px 4px  
4px 4px #4F0A68; box-shadow:4px 4px 4px  
4px #4F0A68 }
```

Background

The CSS property to change the background color of an element to Hex 4F0A68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F0A68 }
```

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

```
.background{ background-color:#4F0A68 }
```

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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