

Converting Colors

Hex(4F1648)

Have a look what the booklet for
Hex(4F1648) contains.

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Color

Hex(4F1648)

Conversions

Conversions Part 1

Format	Color
Hex	4F1648
RGB	79, 22, 72
RGB Percent	31%, 9%, 28%
CMY	0.6902, 0.9137, 0.7176
CMYK	0.00, 0.72, 0.09, 0.69
HSL	307°, 56%, 20%
HSV	307°, 72%, 31%
XYZ	4.6811, 2.7040, 6.4061
YIQ	44.7430, 17.9220, 27.6340

Conversions

Conversions Part 2

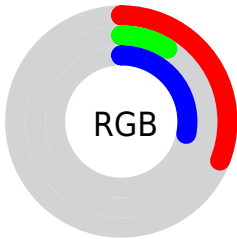
Format	Color
RYB	79, 22, 72
Decimal	5183048
CIELab	18.82, 33.20, -17.76
CIElCh	19, 37.653, 331.861
Yxy	2.7040, 0.3394, 0.1961
Android (android.graphics.Color)	4283373128 (0xFF4F1648)
YUV	44.7430, 13.4377, 30.0434
Hunter-Lab	16.4437, 22.0373, -11.5874

Details

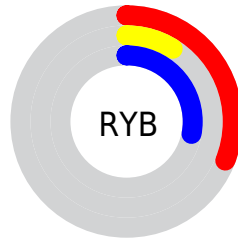
The Hex color **4F1648** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **164F1D**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **824679**, and **23001D** is the 20% darker color. If you saturate the color by 10%, you get **4F0E47**, and if you desaturate by 10%, it is **4F1E49**.

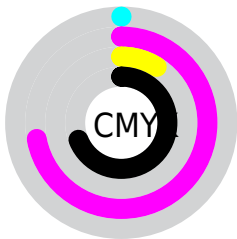
Distribution



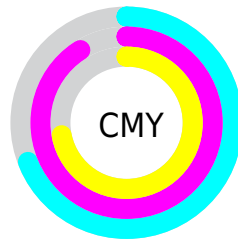
- Red (31%)
- Green (9%)
- Blue (28%)



- Red (31%)
- Yellow (9%)
- Blue (28%)



- Cyan (0%)
- Magenta (72%)
- Yellow (9%)
- Black (69%)



- Cyan (69%)
- Magenta (91%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F1648 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 4F1648 by changing the saturation by 10% instead.



4F1648



4F1648

FFFFFF



370031



824679



23001D



9D5F93



000000



B879AD



D593C9



F1AEE5



FFCAFF



FFE6FF



4F1648



4F1648

■ 4F0E47

■ 4F1E49

■ 4F0646

■ 4F264A

■ 4F0045

■ 4F2E4B

■ 4F364C

■ 4F3E4D

■ 4F454E

■ 4F4D4F

■ 4F5550

■ 4F5D51

Harmonies

Analogous

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



2D265D



4F1648



5C0A2D

Triad

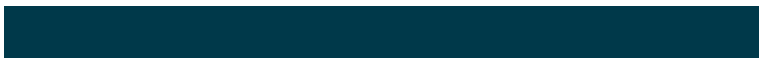
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4F1648



382D00



00394A

Complementary

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



4F1648



164F1D

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.



00392F



4F1648



1E3400

Square

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



4F1648



4D2200



003812



00375E

Rectangle

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



4F1648



5C0F1B



003812



003A41

Sweetspot

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



4F1648



665063



1D164F



332631



B3B3B3



333333

Same Dimension

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



4F1648



660D5B



4F162C



262226



660059



E600C9

Inverse Universe

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



4F1648



660D5B



164F39



262226



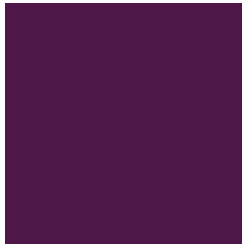
660059



E600C9

Previews

White Background



This preview shows how the Hex color 4F1648 looks on a white background.

Color Contrast Check

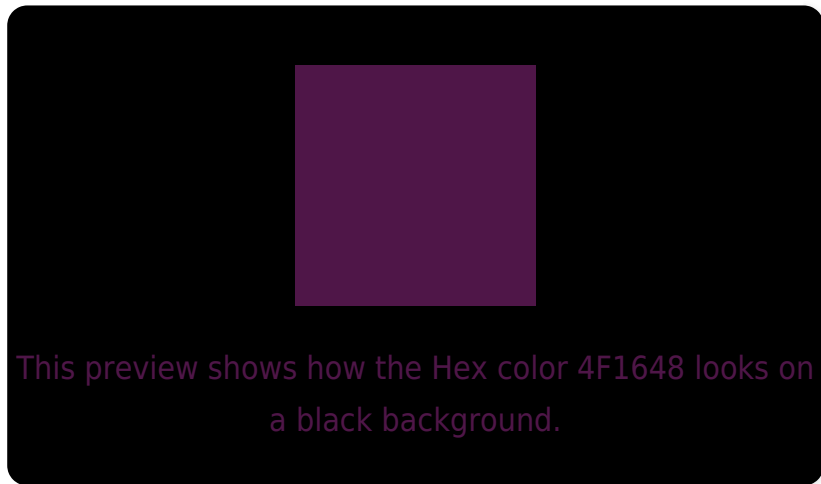
Large Text (above 18pt) WCAG AA ✓ Pass

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

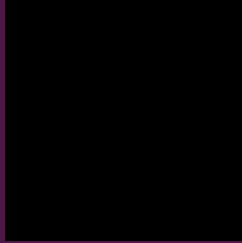
Any Text WCAG AA × Fail

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 4F1648 Background



This preview shows how black text looks on a background with the Hex color 4F1648.



This preview shows how white text looks on a background with the Hex color 4F1648.

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
4F1648

Protanopia
122E5D

Deuteranopia
272F44



Tritanopia
4B2224

Trichromacy



Original Color
4F1648

Protanomaly
282555

Deuteranomaly
362645

Tritanomaly
4C1E31

Monochromacy



Original Color
4F1648

Achromatopsia
2D2D2D

Achromatomaly
392537

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F1648 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 #4F1648 looks like.

```
.text, #text, p{  
    color:#4F1648  
}
```

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 #4F1648 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F1648  
}
```

Border

The CSS property to change the border of an element to Hex 4F1648 is called "border". The border property can be set on classes, ids or directly on the HTML element.

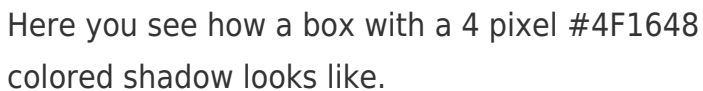
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#4F1648 }
```

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

```
.border{ border-color:#4F1648 }
```

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



Here you see how a box with a 4 pixel #4F1648 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F1648; -webkit-box-shadow:4px 4px  
4px 4px #4F1648; box-shadow:4px 4px 4px  
4px #4F1648 }
```

Background

The CSS property to change the background color of an element to Hex 4F1648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F1648 }
```

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

```
.background{ background-color:#4F1648 }
```

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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