

Converting Colors

Hex(4F2476)

Have a look what the booklet for
Hex(4F2476) contains.

Hex(4F2476)	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(4F2476)

Conversions

Conversions Part 1

Format	Color
Hex	4F2476
RGB	79, 36, 118
RGB Percent	31%, 14%, 46%
CMY	0.6902, 0.8588, 0.5373
CMYK	0.33, 0.69, 0.00, 0.54
HSL	271°, 53%, 30%
HSV	271°, 69%, 46%
XYZ	7.1253, 4.2320, 17.5809
YIQ	58.2050, -0.6940, 34.6180

Conversions

Conversions Part 2

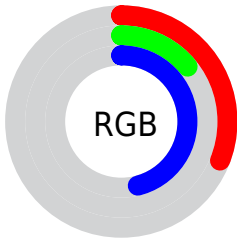
Format	Color
R_{YB}	79, 36, 118
Decimal	5186678
CIE _{Lab}	24.42, 36.58, -39.21
CIE _{LCh}	24, 53.627, 313.016
Yxy	4.2320, 0.2462, 0.1462
Android (android.graphics.Color)	4283376758 (0xFF4F2476)
YUV	58.2050, 29.4789, 18.2372
Hunter-Lab	20.5719, 25.8250, -36.2693

Details

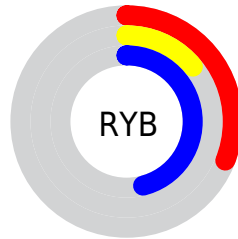
The Hex color **4F2476** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4B7624**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **8354AB**, and **1D0045** is the 20% darker color. If you saturate the color by 10%, you get **491876**, and if you desaturate by 10%, it is **553076**.

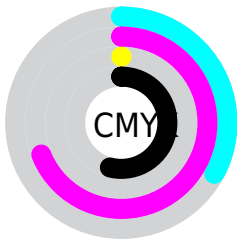
Distribution



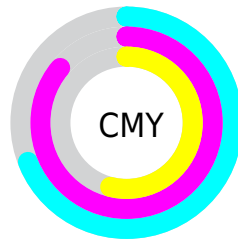
- Red (31%)
- Green (14%)
- Blue (46%)



- Red (31%)
- Yellow (14%)
- Blue (46%)



- Cyan (33%)
- Magenta (69%)
- Yellow (0%)
- Black (54%)



- Cyan (69%)
- Magenta (86%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F2476 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 4F2476 by changing the saturation by 10% instead.



4F2476



4F2476

FFFFFF



360B5D



8354AB



1D0045



9F6DC6



00002E



BA87E3



000118



D7A2FF



000000



F4BDFF



FFD9FF



FFF6FF



4F2476



4F2476

■ 491876

■ 553076

■ 440C76

■ 5A3C76

■ 3E0176

■ 604776

■ 3E0076

■ 655376

■ 6B5F76

■ 716B76

■ 767776

■ 7C8276

■ 828E76

Harmonies

Analogous

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



003A8A



4F2476



740053

Triad

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



4F2476



5B2F00



004A4B

Complementary

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



4F2476



4B7624

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.



004921



4F2476



383E00

Square

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



4F2476



731600



004500



004A71

Rectangle

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



4F2476



7D0038



004500



004A3D

Sweetspot

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



4F2476



8A7999



244C76



43394D



CCCCCC



4D4D4D

Same Dimension

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



4F2476



5D1A99



762475



38353B



40007A



8300FA

Inverse Universe

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



76244B



991A56



247625



3B3538



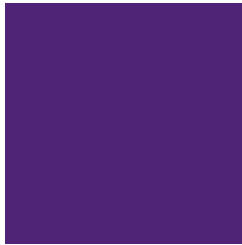
7A003A



FA0077

Previews

White Background



This preview shows how the Hex color 4F2476 looks on a white background.

Color Contrast Check

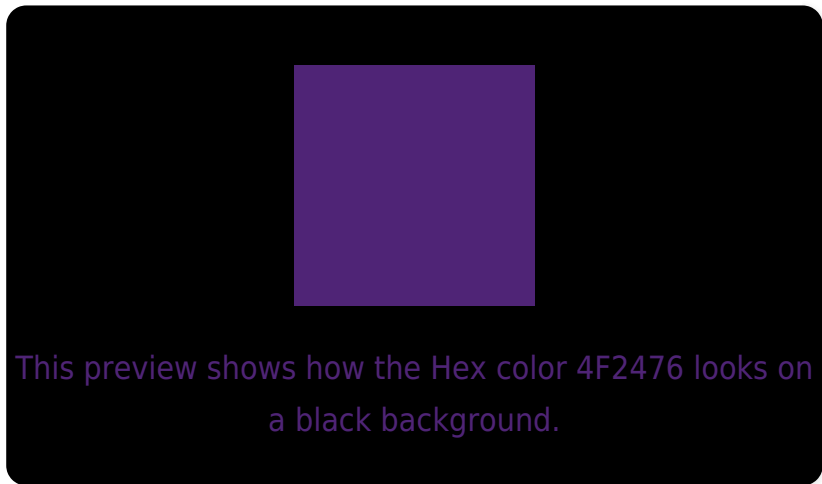
Large Text (above 18pt) WCAG AA ✓ Pass

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

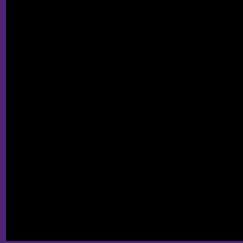
Any Text WCAG AA × Fail

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 4F2476 Background



This preview shows how black text looks on a background with the Hex color 4F2476.



This preview shows how white text looks on a background with the Hex color 4F2476.

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
4F2476

Protanopia
003978

Deuteranopia
003C69



Tritanopia
44373C

Trichromacy



Original Color
4F2476

Protanomaly
1D3177

Deuteranomaly
1D336E

Tritanomaly
483051

Monochromacy



Original Color
4F2476

Achromatopsia
3A3A3A

Achromatomaly
423250

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F2476 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 #4F2476 looks like.

```
.text, #text, p{  
    color:#4F2476  
}
```

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 #4F2476 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F2476
}
```

Border

The CSS property to change the border of an element to Hex 4F2476 is called "border". The border property can be set on classes, ids or directly on the HTML element.

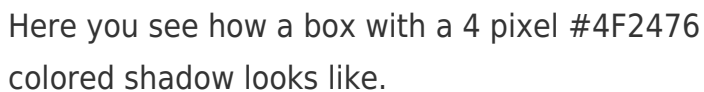
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F2476 }
```

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

```
.border{ border-color:#4F2476 }
```

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



Here you see how a box with a 4 pixel #4F2476 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F2476; -webkit-box-shadow:4px 4px  
4px 4px #4F2476; box-shadow:4px 4px 4px  
4px #4F2476 }
```

Background

The CSS property to change the background color of an element to Hex 4F2476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F2476 }
```

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

```
.background{ background-color:#4F2476 }
```

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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