

Converting Colors

Hex(4F2238)

Have a look what the booklet for
Hex(4F2238) contains.

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Color

Hex(4F2238)

Conversions

Conversions Part 1

Format	Color
Hex	4F2238
RGB	79, 34, 56
RGB Percent	31%, 13%, 22%
CMY	0.6902, 0.8667, 0.7804
CMYK	0.00, 0.57, 0.29, 0.69
HSL	331°, 40%, 22%
HSV	331°, 57%, 31%
XYZ	4.5103, 3.0918, 4.1004
YIQ	49.9630, 19.7580, 16.3820

Conversions

Conversions Part 2

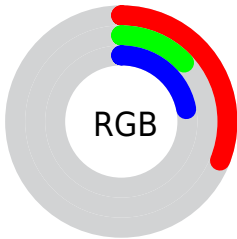
Format	Color
RYB	79, 34, 56
Decimal	5186104
CIELab	20.41, 24.09, -4.27
CIElCh	20, 24.463, 349.958
Yxy	3.0918, 0.3854, 0.2642
Android (android.graphics.Color)	4283376184 (0xFF4F2238)
YUV	49.9630, 2.9762, 25.4654
Hunter-Lab	17.5836, 15.0147, -1.5177

Details

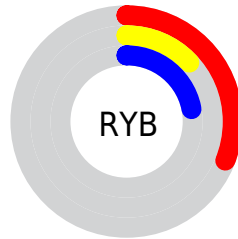
The Hex color **4F2238** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **224F39**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **825067**, and **24000D** is the 20% darker color. If you saturate the color by 10%, you get **4F1A34**, and if you desaturate by 10%, it is **4F2A3C**.

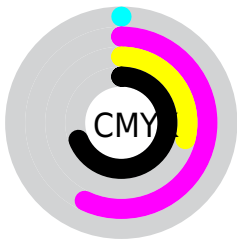
Distribution



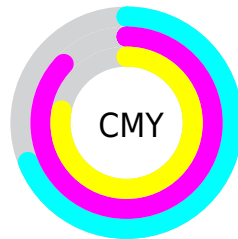
- Red (31%)
- Green (13%)
- Blue (22%)



- Red (31%)
- Yellow (13%)
- Blue (22%)



- Cyan (0%)
- Magenta (57%)
- Yellow (29%)
- Black (69%)



- Cyan (69%)
- Magenta (87%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F2238 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 4F2238 by changing the saturation by 10% instead.

■ 4F2238

■ 4F2238

FFFFFF

■ 370B23

■ 825067

■ 24000D

■ 9C6980

■ 000000

■ B8829A

■ D49DB5

■ F0B8D0

■ FFD4EC

■ FFF0FF

■ 4F2238

■ 4F2238

■ 4F1A34

■ 4F2A3C

■ 4F1230

■ 4F3240

■ 4F0A2C

■ 4F3A44

■ 4F0228

■ 4F4248

■ 4F0027

■ 4F4A4C

■ 4F5150

■ 4F5954

■ 4F6158

■ 4F695C

Harmonies

Analogous

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



412848



4F2238



522226

Triad

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



4F2238



30340D



00394C

Complementary

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



4F2238



224F39

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.



003A3D



4F2238



1A3819

Square

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



4F2238



402E0C



003A2A



003554

Rectangle

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



4F2238



4F251B



003A2A



003948

Sweetspot

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



4F2238



66555D



39224F



33292E



B3B3B3



333333

Same Dimension

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



4F2238



662143



4F2222



262224



660032



E60070

Inverse Universe

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



4F2238



662143



224F4F



262224



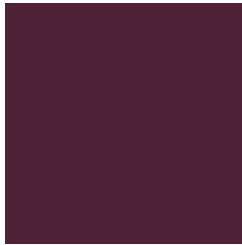
660032



E60070

Previews

White Background



This preview shows how the Hex color 4F2238 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

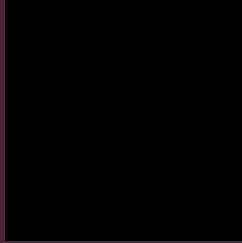
Any Text WCAG AA × Fail

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 4F2238 Background



This preview shows how black text looks on a background with the Hex color 4F2238.



This preview shows how white text looks on a background with the Hex color 4F2238.

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
4F2238

Protanopia
2D3142

Deuteranopia
353136



Tritanopia
4E2528

Trichromacy



Original Color

4F2238

Protanomaly

392C3E

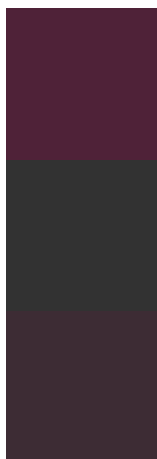
Deuteranomaly

3E2C37

Tritanomaly

4E242E

Monochromacy



Original Color

4F2238

Achromatopsia

323232

Achromatomaly

3D2C34

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F2238 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 #4F2238 looks like.

```
.text, #text, p{  
    color:#4F2238  
}
```

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 #4F2238 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F2238
}
```

Border

The CSS property to change the border of an element to Hex 4F2238 is called "border". The border property can be set on classes, ids or directly on the HTML element.

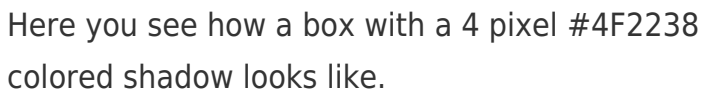
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4F2238 }
```

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

```
.border{ border-color:#4F2238 }
```

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



Here you see how a box with a 4 pixel #4F2238 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F2238; -webkit-box-shadow:4px 4px  
4px 4px #4F2238; box-shadow:4px 4px 4px  
4px #4F2238 }
```

Background

The CSS property to change the background color of an element to Hex 4F2238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F2238 }
```

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

```
.background{ background-color:#4F2238 }
```

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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