

Converting Colors

Hex(48233F)

Have a look what the booklet for
Hex(48233F) contains.

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Color

Hex(48233F)

Conversions

Conversions Part 1

Format	Color
Hex	48233F
RGB	72, 35, 63
RGB Percent	28%, 14%, 25%
CMY	0.7176, 0.8627, 0.7529
CMYK	0.00, 0.51, 0.12, 0.72
HSL	315°, 35%, 21%
HSV	315°, 51%, 28%
XYZ	4.1707, 2.9387, 5.0500
YIQ	49.2550, 13.0640, 16.5520

Conversions

Conversions Part 2

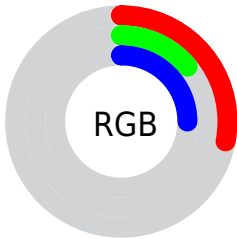
Format	Color
R_{YB}	72, 35, 63
Decimal	4727615
CIE _{Lab}	19.80, 22.06, -10.14
CIE _{LCh}	20, 24.281, 335.317
Yxy	2.9387, 0.3430, 0.2417
Android (android.graphics.Color)	4282917695 (0xFF48233F)
YUV	49.2550, 6.7763, 19.9474
Hunter-Lab	17.1425, 13.4291, -5.4665

Details

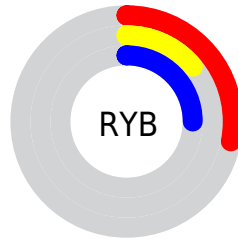
The Hex color **48233F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **23482C**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **7A516F**, and **1F0015** is the 20% darker color. If you saturate the color by 10%, you get **481C3D**, and if you desaturate by 10%, it is **482A41**.

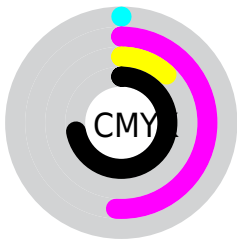
Distribution



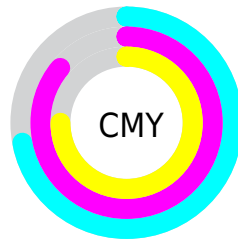
- Red (28%)
- Green (14%)
- Blue (25%)



- Red (28%)
- Yellow (14%)
- Blue (25%)



- Cyan (0%)
- Magenta (51%)
- Yellow (12%)
- Black (72%)



- Cyan (72%)
- Magenta (86%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48233F 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 48233F by changing the saturation by 10% instead.



48233F



48233F

FFFFFF



310D29



7A516F



1F0015



946988



000000



AF83A2



CA9DBD



E7B8D9



FFD4F6



FFF0FF



48233F



48233F

■ 481C3D

■ 482A41

■ 48153B

■ 483143

■ 480D3A

■ 483944

■ 480638

■ 484046

■ 480036

■ 484748

■ 484E4A

■ 48554B

■ 485D4D

■ 48644F

Harmonies

Analogous

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



352A4D



48233F



50202D

Triad

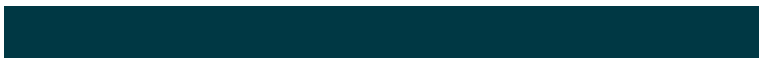
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48233F



373009



003844

Complementary

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



48233F



23482C

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.



003933



48233F



243511

Square

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



48233F



452A0F



083720



003650

Rectangle

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



48233F



502122



083720



00383E

Sweetspot

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



48233F



5E505B



2C2348



30282E



B0B0B0



303030

Same Dimension

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



48233F



5E2450



48232D



242023



63004B



E300AC

Inverse Universe

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



48233F



5E2450



23483E



242023



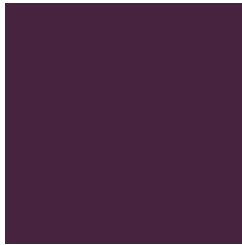
63004B



E300AC

Previews

White Background



This preview shows how the Hex color 48233F looks on a white background.

Color Contrast Check

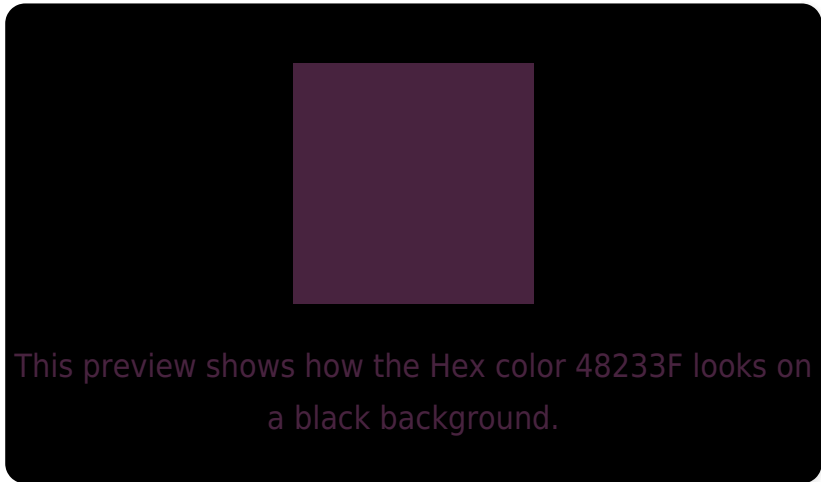
Large Text (above 18pt) WCAG AA ✓ Pass

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

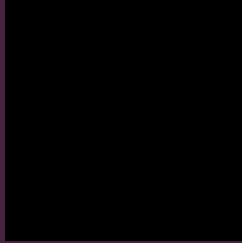
Any Text WCAG AA × Fail

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 48233F Background



This preview shows how black text looks on a background with the Hex color 48233F.



This preview shows how white text looks on a background with the Hex color 48233F.

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
48233F

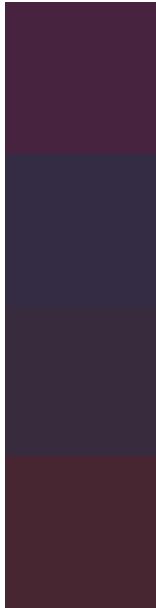
Protanopia
283049

Deuteranopia
2F303D



Tritanopia
46282B

Trichromacy



Original Color
48233F

Protanomaly
342B45

Deuteranomaly
382B3E

Tritanomaly
472632

Monochromacy



Original Color
48233F

Achromatopsia
313131

Achromatomaly
392C36

CSS Examples

Text

The CSS property to change the color of the text to Hex 48233F 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 #48233F looks like.

```
.text, #text, p{  
    color:#48233F  
}
```

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 #48233F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48233F
}
```

Border

The CSS property to change the border of an element to Hex 48233F is called "border". The border property can be set on classes, ids or directly on the HTML element.

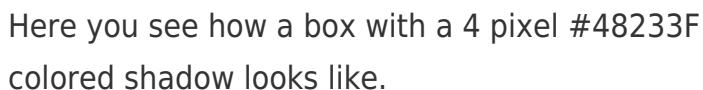
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48233F }
```

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

```
.border{ border-color:#48233F }
```

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



Here you see how a box with a 4 pixel #48233F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48233F; -webkit-box-shadow:4px 4px  
4px 4px #48233F; box-shadow:4px 4px 4px  
4px #48233F }
```

Background

The CSS property to change the background color of an element to Hex 48233F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48233F }
```

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

```
.background{ background-color:#48233F }
```

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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