

Converting Colors

Hex(47454A)

Have a look what the booklet for
Hex(47454A) contains.

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Color

Hex(47454A)

Conversions

Conversions Part 1

Format	Color
Hex	47454A
RGB	71, 69, 74
RGB Percent	28%, 27%, 29%
CMY	0.7216, 0.7294, 0.7098
CMYK	0.04, 0.07, 0.00, 0.71
HSL	264°, 3%, 28%
HSV	264°, 7%, 29%
XYZ	5.9627, 6.0902, 7.3398
YIQ	70.1680, -0.4130, 1.9790

Conversions

Conversions Part 2

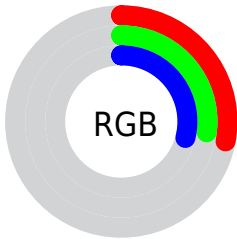
Format	Color
R_{YB}	71, 69, 74
Decimal	4670794
CIE Lab	29.64, 1.95, -2.71
CIE LCh	30, 3.339, 305.789
Yxy	6.0902, 0.3075, 0.3140
Android (android.graphics.Color)	4282860874 (0xFF47454A)
YUV	70.1680, 1.8892, 0.7297
Hunter-Lab	24.6784, -0.0589, -0.3591

Details

The Hex color **47454A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **484A45**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **77757B**, and **1C1A1E** is the 20% darker color. If you saturate the color by 10%, you get **433E4A**, and if you desaturate by 10%, it is **4B4C4A**.

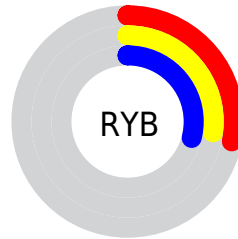
Distribution



 Red (28%)

 Green (27%)

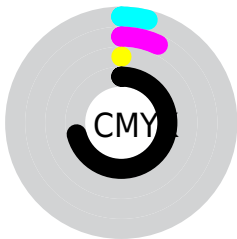
 Blue (29%)



 Red (28%)

 Yellow (27%)

 Blue (29%)

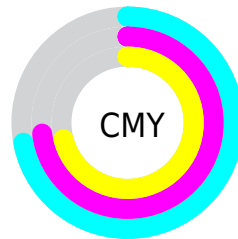



 Cyan (4%)

 Magenta (7%)

 Yellow (0%)

 Black (71%)



 Cyan (72%)

 Magenta (73%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47454A 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 47454A by changing the saturation by 10% instead.

■ 47454A

■ 47454A

FFFFFF

■ 312F33

■ 77757B

■ 1C1A1E

■ 918F94

■ 000005

■ ACA9AF

■ 000000

■ C7C4CA

■ E3E0E6

■ FFFDFF

■ 47454A

■ 47454A

■ 433E4A

■ 4B4C4A

■ 3E364A

■ 50544A

■ 3A2F4A

■ 545B4A

■ 35274A

■ 59634A

■ 31204A

■ 5D6A4A

■ 2C194A

■ 62714A

■ 28114A

■ 66794A

■ 230A4A

■ 6B804A

■ 1F024A

■ 6F884A

Harmonies

Analogous

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



44464B



47454A



4A4448

Triad

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



47454A



4A4541



404746

Complementary

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



47454A



484A45

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.



424744



47454A



484641

Square

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



47454A



4B4443



454742



404749

Rectangle

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



47454A



4B4446



454742



404745

Sweetspot

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



47454A



605F61



45484A



302F30



B0B0B0



303030

Same Dimension

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



47454A



5C5961



4A454A



242226



290066



5C00E6

Inverse Universe

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



4A4548



61595E



464A45



262225



66003D



E6008A

Previews

White Background



This preview shows how the Hex color 47454A 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

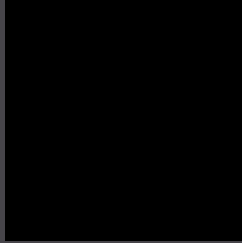
Any Text WCAG AA × Fail

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 47454A Background



This preview shows how black text looks on a background with the Hex color 47454A.



This preview shows how white text looks on a background with the Hex color 47454A.

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
47454A

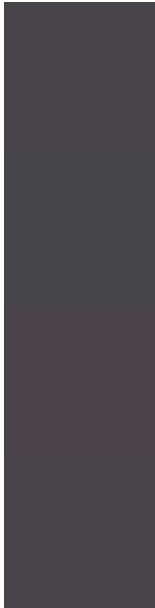
Protanopia
46454A

Deuteranopia
4B444A



Tritanopia
47454A

Trichromacy



Original Color

47454A

Protanomaly

46454A

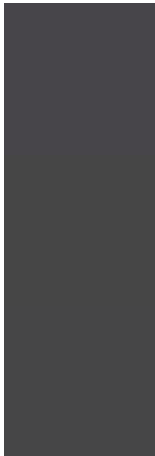
Deuteranomaly

4A444A

Tritanomaly

47454A

Monochromacy



Original Color

47454A

Achromatopsia

464646

Achromatomaly

464647

CSS Examples

Text

The CSS property to change the color of the text to Hex 47454A 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 #47454A looks like.

```
.text, #text, p{  
    color:#47454A  
}
```

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 #47454A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47454A
}
```

Border

The CSS property to change the border of an element to Hex 47454A is called "border". The border property can be set on classes, ids or directly on the HTML element.

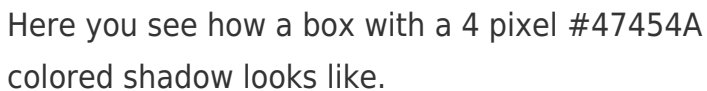
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47454A }
```

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

```
.border{ border-color:#47454A }
```

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



Here you see how a box with a 4 pixel #47454A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47454A; -webkit-box-shadow:4px 4px  
4px 4px #47454A; box-shadow:4px 4px 4px  
4px #47454A }
```

Background

The CSS property to change the background color of an element to Hex 47454A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47454A }
```

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

```
.background{ background-color:#47454A }
```

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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