

# Converting Colors

Hex(4F7376)

Have a look what the booklet for  
Hex(4F7376) contains.

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# Color

**Hex(4F7376)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F7376
RGB	79, 115, 118
RGB Percent	31%, 45%, 46%
CMY	0.6902, 0.5490, 0.5373
CMYK	0.33, 0.03, 0.00, 0.54
HSL	185°, 20%, 39%
HSV	185°, 33%, 46%
XYZ	12.6252, 15.2317, 19.4141
YIQ	104.5780, -22.4190, -6.6990

# Conversions

## Conversions Part 2

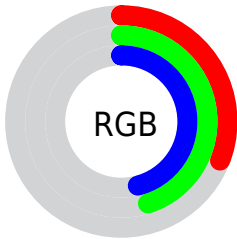
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 98, 118
Decimal	5206902
CIELab	45.95, -11.91, -5.76
CIElCh	46, 13.229, 205.801
Yxy	15.2317, 0.2671, 0.3222
Android (android.graphics.Color)	4283396982 (0xFF4F7376)
YUV	104.5780, 6.6170, -22.4319
Hunter-Lab	39.0279, -10.5554, -2.1739

# Details

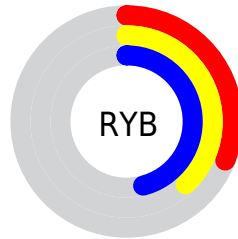
The Hex color **4F7376** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **76524F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **82A7AA**, and **1F4346** is the 20% darker color. If you saturate the color by 10%, you get **437276**, and if you desaturate by 10%, it is **5B7476**.

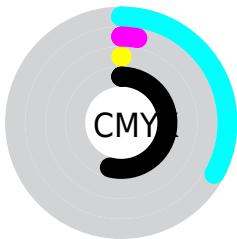
# Distribution



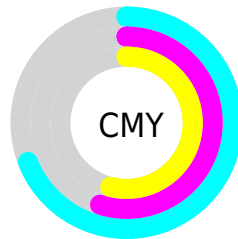
- Red (31%)
- Green (45%)
- Blue (46%)



- Red (31%)
- Yellow (38%)
- Blue (46%)



- Cyan (33%)
- Magenta (3%)
- Yellow (0%)
- Black (54%)



- Cyan (69%)
- Magenta (55%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F7376 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 4F7376 by changing the saturation by 10% instead.





4F7376



4F7376

FFFFFF



375A5D



82A7AA



1F4346



9CC2C5



052D2F



B7DEE1



00191B



D3FBFE



000000



F0FFFF



4F7376



4F7376



437276



5B7476



377176



677576

■ 2C7076

■ 727676

■ 206F76

■ 7E7776

■ 146E76

■ 8A7876

■ 086E76

■ 967876

■ 006D76

■ A27976

■ AD7A76

■ B97B76

# Harmonies

## Analogous

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



54736B



4F7376



53717F

# Triad

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



4F7376



7A6779



776C57

# Complementary

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



4F7376



76524F

# 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.



80685B



4F7376



82656F

# Square

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



4F7376



6D6B81



846664



6B6F59

# Rectangle

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



4F7376



5A6F82



846664



7A6A58



# Sweetspot

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



4F7376



8A9899



4F7652



434C4D



CCCCCC



4D4D4D



# Same Dimension

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



4F7376



5C9499



4F6076



353A3B



00717A



00E7FA



# Inverse Universe

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



764F73



995C94



76654F



3B353A



7A0071



FA00E7



# Previews

## White Background



This preview shows how the Hex color 4F7376 looks on a white background.

## Color Contrast Check

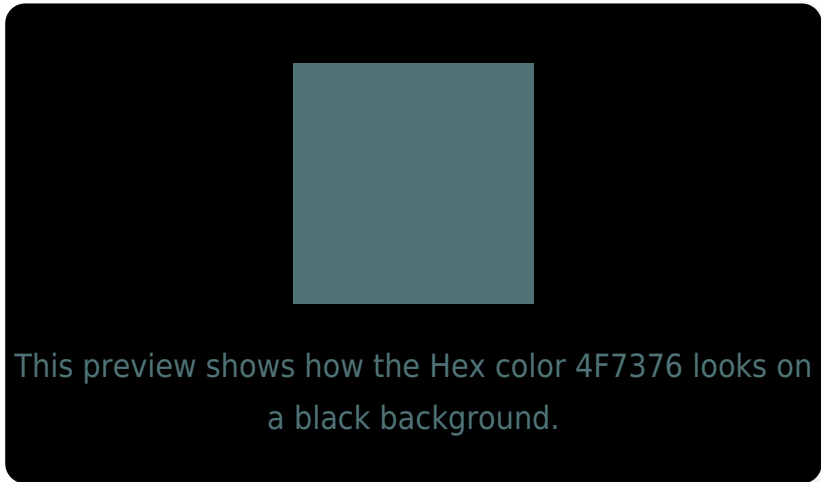
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

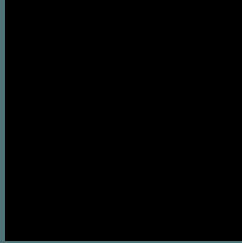
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

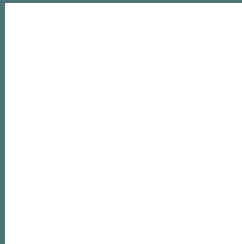
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4F7376 Background



This preview shows how black text looks on a background with the Hex color 4F7376.



This preview shows how white text looks on a background with the Hex color 4F7376.

# 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**  
4F7376

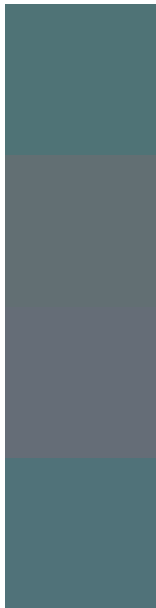
**Protanopia**  
6D6C72

**Deuteranopia**  
726A78



**Tritanopia**  
50727B

# Trichromacy



**Original Color**  
4F7376

**Protanomaly**  
626F73

**Deuteranomaly**  
656D77

**Tritanomaly**  
507279

# Monochromacy



**Original Color**  
4F7376

**Achromatopsia**  
696969

**Achromatomaly**  
606D6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F7376 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 #4F7376 looks like.

```
.text, #text, p{  
    color:#4F7376  
}
```

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 #4F7376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7376
}
```

## Border

The CSS property to change the border of an element to Hex 4F7376 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
#4F7376 }
```

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

```
.border{ border-color:#4F7376 }
```

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

Here you see how a box with a 4 pixel #4F7376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7376; -webkit-box-shadow:4px 4px  
4px 4px #4F7376; box-shadow:4px 4px 4px  
4px #4F7376 }
```

# Background

The CSS property to change the background color of an element to Hex 4F7376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7376 }
```

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

```
.background{ background-color:#4F7376 }
```

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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