

# Converting Colors

Hex(4F7275)

Have a look what the booklet for  
Hex(4F7275) contains.

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# Color

Hex(4F7275)

# Conversions

## Conversions Part 1

Format	Color
Hex	4F7275
RGB	79, 114, 117
RGB Percent	31%, 45%, 46%
CMY	0.6902, 0.5529, 0.5412
CMYK	0.32, 0.03, 0.00, 0.54
HSL	185°, 19%, 38%
HSV	185°, 32%, 46%
XYZ	12.4526, 14.9812, 19.0650
YIQ	103.8770, -21.8230, -6.4870

# Conversions

## Conversions Part 2

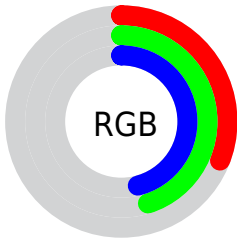
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 97, 117
Decimal	5206645
CIELab	45.61, -11.61, -5.67
CIElCh	46, 12.916, 206.028
Yxy	14.9812, 0.2678, 0.3222
Android (android.graphics.Color)	4283396725 (0xFF4F7275)
YUV	103.8770, 6.4696, -21.8171
Hunter-Lab	38.7056, -10.3065, -2.1101

# Details

The Hex color **4F7275** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **75524F**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **82A6A9**, and **1F4245** is the 20% darker color. If you saturate the color by 10%, you get **437175**, and if you desaturate by 10%, it is **5B7375**.

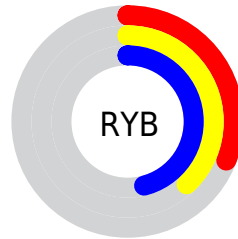
# Distribution



Red (31%)

Green (45%)

Blue (46%)



Red (31%)

Yellow (38%)

Blue (46%)

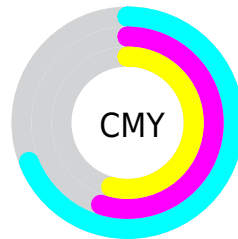


Cyan (32%)

Magenta (3%)

Yellow (0%)

Black (54%)



Cyan (69%)

Magenta (55%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F7275 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 4F7275 by changing the saturation by 10% instead.





4F7275



4F7275

FFFFFF



37595C



82A6A9



1F4245



9CC1C4



062C2F



B7DDE0



00181A



D3FAFD



000000



F0FFFF



4F7275



4F7275



437175



5B7375



387075



667475

■ 2C6F75

■ 727575

■ 206E75

■ 7E7675

■ 156D75

■ 8A7775

■ 096C75

■ 957875

■ 006C75

■ A17875

■ AD7975

■ B87A75

# Harmonies

## Analogous

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



54726A



4F7275



53707D

# Triad

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



4F7275



796678



766B57

# Complementary

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



4F7275



75524F

# 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.



7F675A



4F7275



81656E

# Square

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



4F7275



6C6A7F



836563



6A6E58

# Rectangle

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



4F7275



5A6E81



836563



796A57



# Sweetspot

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



4F7275



8A9899



4F7552



434C4D



CCCCCC



4D4D4D



# Same Dimension

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



4F7275



5D9499



4F5F75



353A3B



00717A



00E6FA



# Inverse Universe

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



754F72



995D94



75654F



3B353A



7A0071



FA00E6



# Previews

## White Background



This preview shows how the Hex color 4F7275 looks on a white background.

## Color Contrast Check

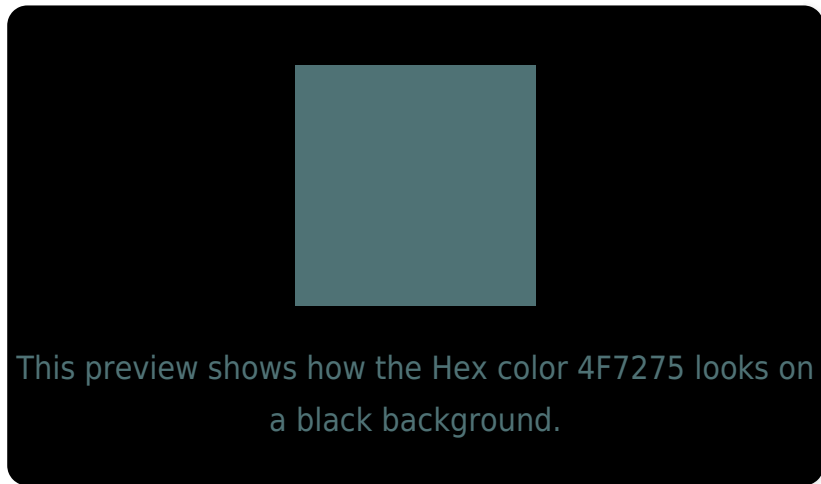
Large Text (above 18pt) WCAG AA ✓ Pass

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

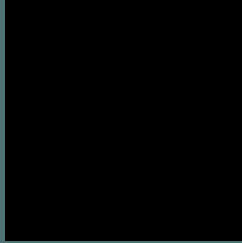
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4F7275 Background



This preview shows how black text looks on a background with the Hex color 4F7275.



This preview shows how white text looks on a background with the Hex color 4F7275.

# 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**  
4F7275

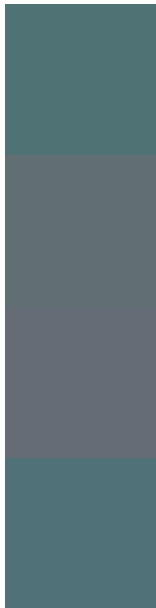
**Protanopia**  
6C6B71

**Deuteranopia**  
716977



**Tritanopia**  
50717A

# Trichromacy



**Original Color**  
4F7275

**Protanomaly**  
616E72

**Deuteranomaly**  
656C76

**Tritanomaly**  
507178

# Monochromacy



**Original Color**  
4F7275

**Achromatopsia**  
686868

**Achromatomaly**  
5F6C6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F7275 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 #4F7275 looks like.

```
.text, #text, p{  
    color:#4F7275  
}
```

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 #4F7275 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7275
}
```

## Border

The CSS property to change the border of an element to Hex 4F7275 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
#4F7275 }
```

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

```
.border{ border-color:#4F7275 }
```

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

Here you see how a box with a 4 pixel #4F7275 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7275; -webkit-box-shadow:4px 4px  
4px 4px #4F7275; box-shadow:4px 4px 4px  
4px #4F7275 }
```

# Background

The CSS property to change the background color of an element to Hex 4F7275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7275 }
```

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

```
.background{ background-color:#4F7275 }
```

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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