

# Converting Colors

Hex(4F7272)

Have a look what the booklet for  
Hex(4F7272) contains.

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# Color

Hex(4F7272)

# Conversions

## Conversions Part 1

Format	Color
Hex	4F7272
RGB	79, 114, 114
RGB Percent	31%, 45%, 45%
CMY	0.6902, 0.5529, 0.5529
CMYK	0.31, 0.00, 0.00, 0.55
HSL	180°, 18%, 38%
HSV	180°, 31%, 45%
XYZ	12.2790, 14.9118, 18.1507
YIQ	103.5350, -20.8600, -7.4200

# Conversions

## Conversions Part 2

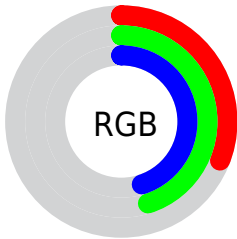
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 97, 114
Decimal	5206642
CIELab	45.51, -12.38, -4.01
CIELCh	46, 13.015, 197.964
Yxy	14.9118, 0.2708, 0.3289
Android (android.graphics.Color)	4283396722 (0xFF4F7272)
YUV	103.5350, 5.1592, -21.5172
Hunter-Lab	38.6158, -10.8183, -0.8372

# Details

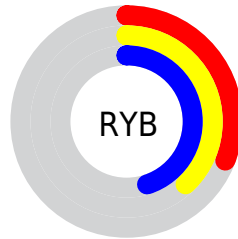
The Hex color **4F7272** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **724F4F**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **81A6A6**, and **204242** is the 20% darker color. If you saturate the color by 10%, you get **447272**, and if you desaturate by 10%, it is **5A7272**.

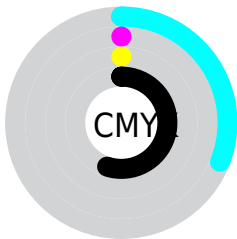
# Distribution



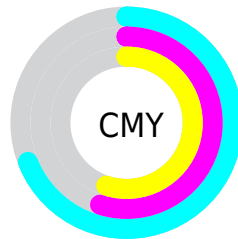
- Red (31%)
- Green (45%)
- Blue (45%)



- Red (31%)
- Yellow (38%)
- Blue (45%)



- Cyan (31%)
- Magenta (0%)
- Yellow (0%)
- Black (55%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 4F7272 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 4F7272 by changing the saturation by 10% instead.



■ 4F7272

■ 4F7272

FFFFFF

■ 37595A

■ 81A6A6

■ 204242

■ 9CC1C1

■ 072C2C

■ B7DDDD

■ 001818

■ D3FAF9

■ 000000

■ F0FFFF

■ 4F7272

■ 4F7272

■ 447272

■ 5A7272

■ 387272

■ 667272

■ 2D7272

■ 717272

■ 217272

■ 7D7272

■ 167272

■ 887272

■ 0B7272

■ 937272

■ 007272

■ 9F7272

■ AA7272

■ B67272

# Harmonies

## Analogous

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



567267



4F7272



50717B

# Triad

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



4F7272



76677A



786A57

# Complementary

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



4F7272



724F4F

# 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.



80665C



4F7272



7F6571

# Square

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



4F7272



686A80



836465



6D6D57

# Rectangle

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



4F7272



566F80



836465



7B6858



# Sweetspot

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



4F7272



879494



4F724F



424A4A



C9C9C9



4A4A4A



# Same Dimension

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



4F7272



5D9494



4F6172



323838



007878



00F7F7



# Inverse Universe

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



724F72



945D94



72614F



383238



780078



F700F7



# Previews

## White Background



This preview shows how the Hex color 4F7272 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

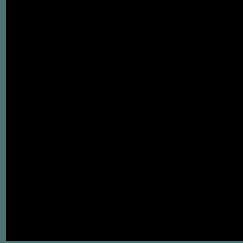
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

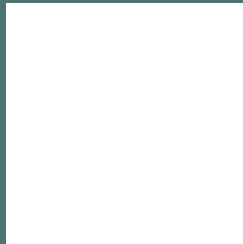
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4F7272 Background



This preview shows how black text looks on a background with the Hex color 4F7272.

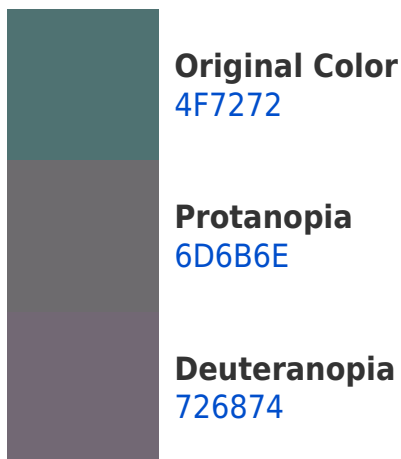


This preview shows how white text looks on a background with the Hex color 4F7272.

# 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](#).

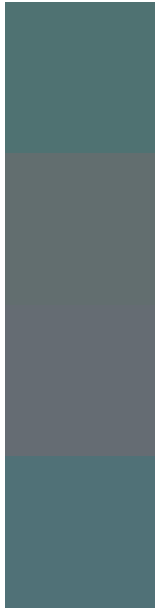
## Dichromacy





**Tritanopia**  
51717A

# Trichromacy



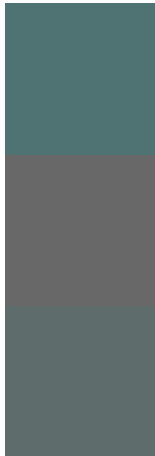
**Original Color**  
4F7272

**Protanomaly**  
626E6F

**Deuteranomaly**  
656C73

**Tritanomaly**  
507177

# Monochromacy



**Original Color**  
4F7272

**Achromatopsia**  
686868

**Achromatomaly**  
5F6C6C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4F7272 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 #4F7272 looks like.

```
.text, #text, p{  
    color:#4F7272  
}
```

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 #4F7272 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7272
}
```

## Border

The CSS property to change the border of an element to Hex 4F7272 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
#4F7272 }
```

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

```
.border{ border-color:#4F7272 }
```

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

Here you see how a box with a 4 pixel #4F7272 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7272; -webkit-box-shadow:4px 4px  
4px 4px #4F7272; box-shadow:4px 4px 4px  
4px #4F7272 }
```

# Background

The CSS property to change the background color of an element to Hex 4F7272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7272 }
```

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

```
.background{ background-color:#4F7272 }
```

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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