

Converting Colors

Hex(4F7374)

Have a look what the booklet for
Hex(4F7374) contains.

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Color

Hex(4F7374)

Conversions

Conversions Part 1

Format	Color
Hex	4F7374
RGB	79, 115, 116
RGB Percent	31%, 45%, 45%
CMY	0.6902, 0.5490, 0.5451
CMYK	0.32, 0.01, 0.00, 0.55
HSL	182°, 19%, 38%
HSV	182°, 32%, 45%
XYZ	12.5076, 15.1847, 18.7947
YIQ	104.3500, -21.7770, -7.3210

Conversions

Conversions Part 2

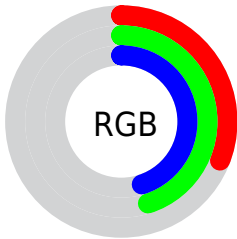
Format	Color
RYB	79, 97, 116
Decimal	5206900
CIELab	45.89, -12.43, -4.66
CIELCh	46, 13.274, 200.543
Yxy	15.1847, 0.2691, 0.3266
Android (android.graphics.Color)	4283396980 (0xFF4F7374)
YUV	104.3500, 5.7435, -22.2319
Hunter-Lab	38.9675, -10.8993, -1.3193

Details

The Hex color **4F7374** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **74504F**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **82A7A8**, and **1F4344** is the 20% darker color. If you saturate the color by 10%, you get **437374**, and if you desaturate by 10%, it is **5B7374**.

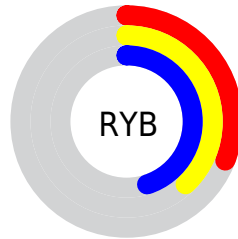
Distribution



Red (31%)

Green (45%)

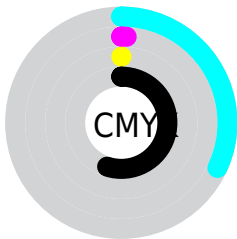
Blue (45%)



Red (31%)

Yellow (38%)

Blue (45%)

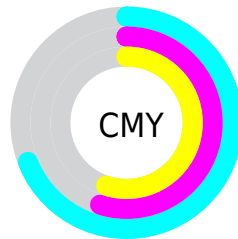


Cyan (32%)

Magenta (1%)

Yellow (0%)

Black (55%)



Cyan (69%)

Magenta (55%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4F7374 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 4F7374 by changing the saturation by 10% instead.



4F7374



4F7374

FFFFFF



375A5B



82A7A8



1F4344



9CC2C3



062D2E



B7DEDF



001919



D3FBFC



000000



F0FFFF



4F7374



4F7374



437374



5B7374



387274



667474

■ 2C7274

■ 727474

■ 217274

■ 7D7474

■ 157174

■ 897574

■ 097174

■ 957574

■ 007174

■ A07574

■ AC7674

■ B77674

Harmonies

Analogous

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



557369



4F7374



51727D

Triad

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



4F7374



78677B



796B57

Complementary

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



4F7374



74504F

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.



81675C



4F7374



816571

Square

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



4F7374



6A6B81



846565



6D6E58

Rectangle

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



4F7374



577081



846565



7C6958

Sweetspot

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



4F7374



879696



4F7450



434C4D



CCCCCC



4D4D4D

Same Dimension

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



4F7374



5D9596



4F6174



353A3B



00777A



00F3FA

Inverse Universe

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



744F73



965D95



74624F



3B353A



7A0077



FA00F3

Previews

White Background



This preview shows how the Hex color 4F7374 looks on a white background.

Color Contrast Check

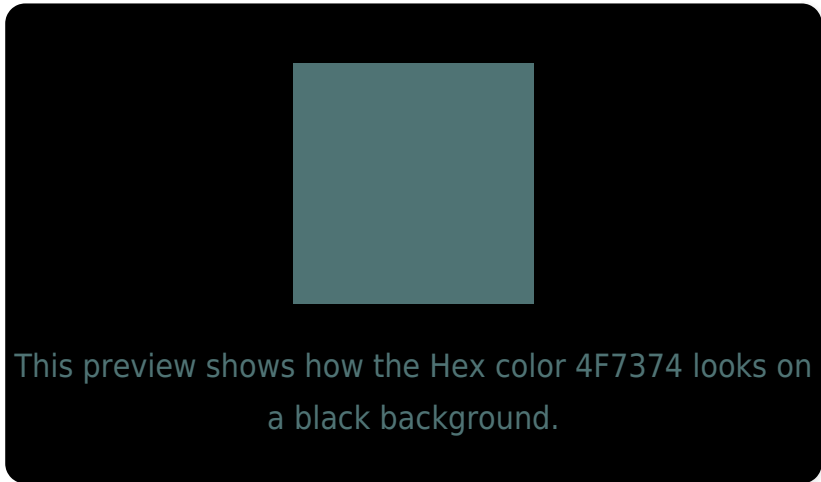
Large Text (above 18pt) WCAG AA ✓ Pass

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

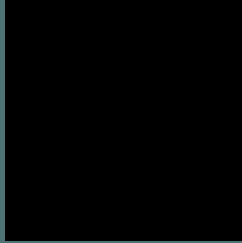
Any Text WCAG AA × Fail

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 4F7374 Background



This preview shows how black text looks on a background with the Hex color 4F7374.

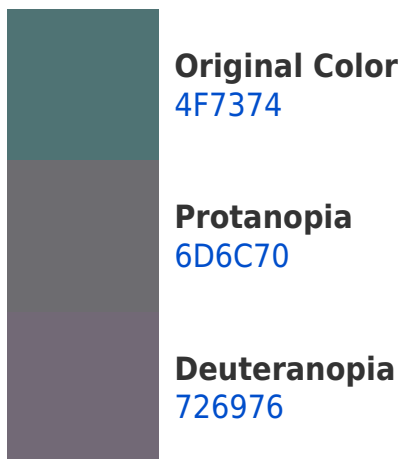


This preview shows how white text looks on a background with the Hex color 4F7374.

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](#).

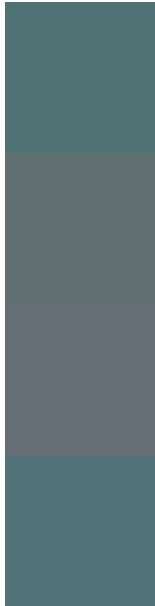
Dichromacy





Tritanopia
51727B

Trichromacy



Original Color
4F7374

Protanomaly
626F71

Deuteranomaly
656D75

Tritanomaly
507278

Monochromacy



Original Color
4F7374

Achromatopsia
686868

Achromatomaly
5F6C6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4F7374 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 #4F7374 looks like.

```
.text, #text, p{  
    color:#4F7374  
}
```

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 #4F7374 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4F7374
}
```

Border

The CSS property to change the border of an element to Hex 4F7374 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
#4F7374 }
```

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

```
.border{ border-color:#4F7374 }
```

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

Here you see how a box with a 4 pixel #4F7374 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4F7374; -webkit-box-shadow:4px 4px  
4px 4px #4F7374; box-shadow:4px 4px 4px  
4px #4F7374 }
```

Background

The CSS property to change the background color of an element to Hex 4F7374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4F7374 }
```

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

```
.background{ background-color:#4F7374 }
```

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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