

Converting Colors

Hex(2F7574)

Have a look what the booklet for
Hex(2F7574) contains.

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Color

Hex(2F7574)

Conversions

Conversions Part 1

Format	Color
Hex	2F7574
RGB	47, 117, 116
RGB Percent	18%, 46%, 45%
CMY	0.8157, 0.5412, 0.5451
CMYK	0.60, 0.00, 0.01, 0.54
HSL	179°, 43%, 32%
HSV	179°, 60%, 46%
XYZ	10.6860, 14.5879, 18.7755
YIQ	95.9560, -41.3990, -15.1510

Conversions

Conversions Part 2

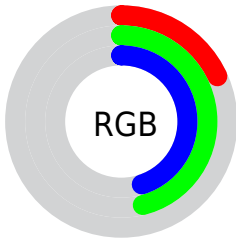
Format	Color
RYB	47, 82, 117
Decimal	3110260
CIELab	45.06, -21.89, -6.04
CIElCh	45, 22.705, 195.419
Yxy	14.5879, 0.2426, 0.3312
Android (android.graphics.Color)	4281300340 (0xFF2F7574)
YUV	95.9560, 9.8817, -42.9344
Hunter-Lab	38.1941, -16.8988, -2.4101




Details

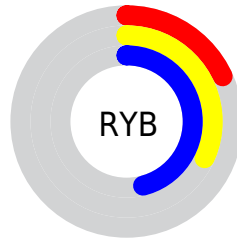
The Hex color **2F7574** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **752F30**, and the grayscale version is **606060**.




A 20% lighter version of the original color is **65A9A8**, and **004444** is the 20% darker color. If you saturate the color by 10%, you get **237574**, and if you desaturate by 10%, it is **3B7574**.

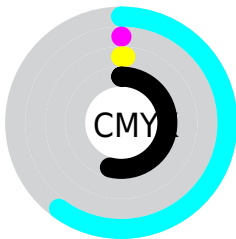
Distribution







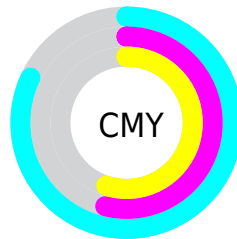
-  Red (18%)
-  Green (46%)
-  Blue (45%)






-  Red (18%)
-  Yellow (32%)
-  Blue (46%)



-  Cyan (60%)
-  Magenta (0%)
-  Yellow (1%)
-  Black (54%)



-  Cyan (82%)
-  Magenta (54%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F7574 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 2F7574 by changing the saturation by 10% instead.

 2F7574

 2F7574

FFFFFF

 0E5C5B

 65A9A8

 004444

 80C5C3

 002E2E

 9CE1DF

 001B19

 B8FEFC

 000000

 D4FFFF

 F1FFFF

 2F7574

 2F7574

 237574

 3B7574

■ 187574

■ 467574

■ 0C7573

■ 527575

■ 007573

■ 5E7575

■ 6A7575

■ 757575

■ 817575

■ 8D7575

■ 987576

Harmonies

Analogous

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



427460



2F7574



2D7385

Triad

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



2F7574



796285



806646

Complementary

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



2F7574



752F30

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.



8C6051



2F7574



8A5D75

Square

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



2F7574



60698F



905D61



6E6D46

Rectangle

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



2F7574



3A718D



905D61



856449

Sweetspot

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



2F7574



7D9999



30752F



3C4D4C



CCCCCC



4D4D4D

Same Dimension

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



2F7574



2B9997



2F5375



353B3B



007A79



00FAF6

Inverse Universe

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



752F30



992B2C



75512F



3B3535



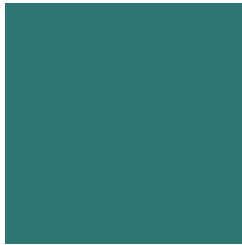
7A0002



FA0004

Previews

White Background



This preview shows how the Hex color 2F7574 looks on a white background.

Color Contrast Check

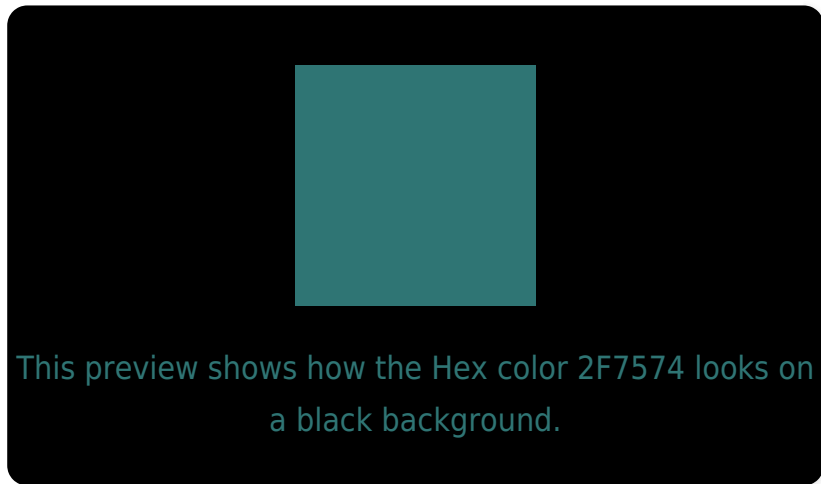
Large Text (above 18pt) WCAG AA ✓ Pass

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

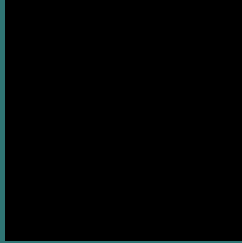
Any Text WCAG AA × Fail

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 2F7574 Background



This preview shows how black text looks on a background with the Hex color 2F7574.



This preview shows how white text looks on a background with the Hex color 2F7574.

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
2F7574

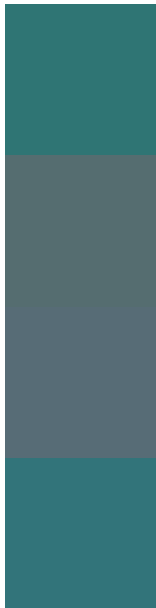
Protanopia
6B696D

Deuteranopia
6E6777



Tritanopia
33747D

Trichromacy



Original Color
2F7574

Protanomaly
556D70

Deuteranomaly
576C76

Tritanomaly
32747A

Monochromacy



Original Color
2F7574

Achromatopsia
606060

Achromatomaly
4E6867

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F7574 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 #2F7574 looks like.

```
.text, #text, p{  
    color:#2F7574  
}
```

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 #2F7574 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F7574 } }
```

Border

The CSS property to change the border of an element to Hex 2F7574 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 #2F7574 } }
```

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

```
.border{ border-color:#2F7574 }
```

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

Here you see how a box with a 4 pixel #2F7574 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F7574; -webkit-box-shadow:4px 4px  
4px 4px #2F7574; box-shadow:4px 4px 4px  
4px #2F7574 }
```

Background

The CSS property to change the background color of an element to Hex 2F7574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F7574 }
```

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

```
.background{ background-color:#2F7574 }
```

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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