

Converting Colors

Hex(2F7273)

Have a look what the booklet for
Hex(2F7273) contains.

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Color

Hex(2F7273)

Conversions

Conversions Part 1

Format	Color
Hex	2F7273
RGB	47, 114, 115
RGB Percent	18%, 45%, 45%
CMY	0.8157, 0.5529, 0.5490
CMYK	0.59, 0.01, 0.00, 0.55
HSL	181°, 42%, 32%
HSV	181°, 59%, 45%
XYZ	10.2841, 13.8768, 18.3561
YIQ	94.0810, -40.2530, -13.8930

Conversions

Conversions Part 2

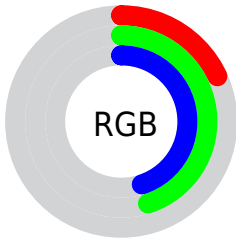
Format	Color
R_{YB}	47, 81, 115
Decimal	3109491
CIE _{Lab}	44.06, -20.60, -6.94
CIE _{LCh}	44, 21.741, 198.617
Yxy	13.8768, 0.2419, 0.3264
Android (android.graphics.Color)	4281299571 (0xFF2F7273)
YUV	94.0810, 10.3131, -41.2900
Hunter-Lab	37.2515, -15.9113, -3.1397




Details

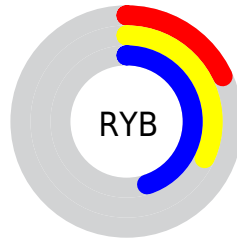
The Hex color **2F7273** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **73302F**, and the grayscale version is **5E5E5E**.




A 20% lighter version of the original color is **65A6A7**, and **004243** is the 20% darker color. If you saturate the color by 10%, you get **247273**, and if you desaturate by 10%, it is **3B7273**.

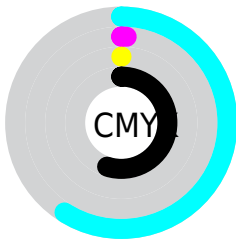
Distribution







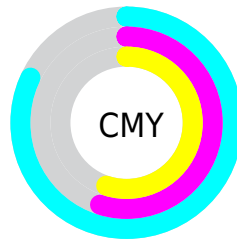
-  Red (18%)
-  Green (45%)
-  Blue (45%)






-  Red (18%)
-  Yellow (32%)
-  Blue (45%)



-  Cyan (59%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (55%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2F7273 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 2F7273 by changing the saturation by 10% instead.

 2F7273

 2F7273

FFFFFF

 0F595A

 65A6A7

 004243

 80C1C2

 002B2D

 9BDDDE

 001718

 B7FAFA

 000000

 D3FFFF

 F0FFFF

 2F7273

 2F7273

 247273

 3B7273

■ 187273

■ 467273

■ 0D7173

■ 527373

■ 017173

■ 5D7373

■ 007173

■ 697373

■ 747373

■ 807373

■ 8B7373

■ 977473

Harmonies

Analogous

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



407260



2F7273



307083

Triad

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



2F7273



786080



7B6545

Complementary

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



2F7273



73302F

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.



885F4E



2F7273



875B70

Square

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



2F7273



61668A



8C5B5D



696B46

Rectangle

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



2F7273



3D6E89



8C5B5D



806347

Sweetspot

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



2F7273



7B9696



2F732F



3C4C4D



CCCCCC



4D4D4D

Same Dimension

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



2F7273



2C9596



2F5173



353B3B



00797A



00F6FA

Inverse Universe

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



732F72



962C95



73512F



3B353B



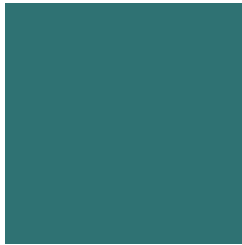
7A0079



FA00F6

Previews

White Background



This preview shows how the Hex color 2F7273 looks on a white background.

Color Contrast Check

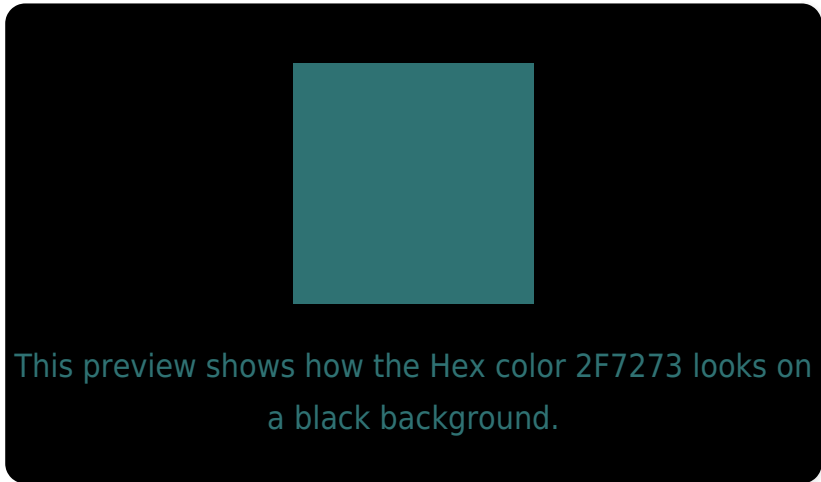
Large Text (above 18pt) WCAG AA ✓ Pass

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

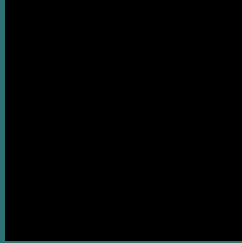
Any Text WCAG AA × Fail

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 2F7273 Background



This preview shows how black text looks on a background with the Hex color 2F7273.



This preview shows how white text looks on a background with the Hex color 2F7273.

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
2F7273

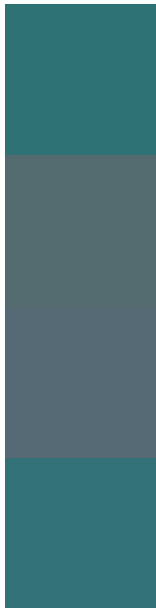
Protanopia
68676C

Deuteranopia
6B6576



Tritanopia
32717A

Trichromacy



Original Color
2F7273

Protanomaly
536B6F

Deuteranomaly
556A75

Tritanomaly
317177

Monochromacy



Original Color
2F7273

Achromatopsia
5E5E5E

Achromatomaly
4D6566

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F7273 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 #2F7273 looks like.

```
.text, #text, p{  
    color:#2F7273  
}
```

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 #2F7273 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F7273  
}
```

Border

The CSS property to change the border of an element to Hex 2F7273 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  
#2F7273 }
```

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

```
.border{ border-color:#2F7273 }
```

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

Here you see how a box with a 4 pixel #2F7273 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F7273; -webkit-box-shadow:4px 4px  
4px 4px #2F7273; box-shadow:4px 4px 4px  
4px #2F7273 }
```

Background

The CSS property to change the background color of an element to Hex 2F7273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F7273 }
```

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

```
.background{ background-color:#2F7273 }
```

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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