

Converting Colors

Hex(2F6376)

Have a look what the booklet for
Hex(2F6376) contains.

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Color

Hex(2F6376)

Conversions

Conversions Part 1

Format	Color
Hex	2F6376
RGB	47, 99, 118
RGB Percent	18%, 39%, 46%
CMY	0.8157, 0.6118, 0.5373
CMYK	0.60, 0.16, 0.00, 0.54
HSL	196°, 43%, 32%
HSV	196°, 60%, 46%
XYZ	8.9041, 10.8360, 18.7618
YIQ	85.6180, -37.0910, -5.1150

Conversions

Conversions Part 2

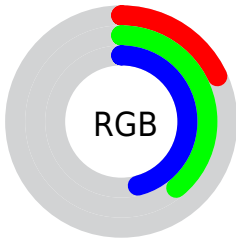
Format	Color
RYB	47, 77, 118
Decimal	3105654
CIELab	39.30, -11.29, -15.94
CIElCh	39, 19.536, 234.697
Yxy	10.8360, 0.2313, 0.2814
Android (android.graphics.Color)	4281295734 (0xFF2F6376)
YUV	85.6180, 15.9643, -33.8680
Hunter-Lab	32.9181, -9.3236, -10.7499




Details

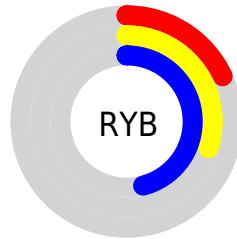
The Hex color **2F6376** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **76422F**, and the grayscale version is **555555**.




A 20% lighter version of the original color is **6496AA**, and **003446** is the 20% darker color. If you saturate the color by 10%, you get **236076**, and if you desaturate by 10%, it is **3B6676**.

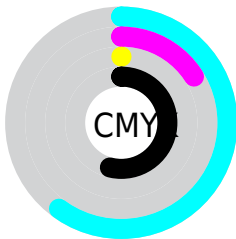
Distribution







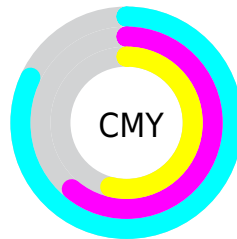
-  Red (18%)
-  Green (39%)
-  Blue (46%)






-  Red (18%)
-  Yellow (30%)
-  Blue (46%)



-  Cyan (60%)
-  Magenta (16%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (82%)
-  Magenta (61%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F6376 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 2F6376 by changing the saturation by 10% instead.

■ 2F6376

■ 2F6376

FFFFFF

■ 114B5D

■ 6496AA

■ 003446

■ 7EB1C5

■ 001F2F

■ 9ACCE1

■ 00011B

■ B5E8FE

■ 000000

■ D2FFFF

■ EEEFFF

■ 2F6376

■ 2F6376

■ 236076

■ 3B6676

■ 175D76

■ 476976

■ 0C5A76

■ 526C76

■ 005676

■ 5E7076

■ 6A7376

■ 767676

■ 827976

■ 8D7C76

■ 997F76

Harmonies

Analogous

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



2A6569



2F6376



445F7C

Triad

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



2F6376



7A5160



5A603F

Complementary

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



2F6376



76422F

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.



6A5B3D



2F6376



7C5150

Square

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



2F6376



6E546F



775543



48634A

Rectangle

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



2F6376



535B7B



775543



605E3E

Sweetspot

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



2F6376



7D9299



2F7642



3C484D



CCCCCC



4D4D4D

Same Dimension

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



2F6376



2B7C99



2F4076



35393B



005A7A



00B7FA

Inverse Universe

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



762F63



992B7C



76652F



3B3539



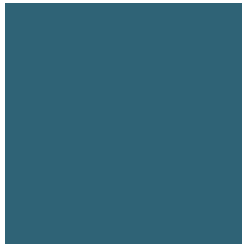
7A005A



FA00B7

Previews

White Background



This preview shows how the Hex color 2F6376 looks on a white background.

Color Contrast Check

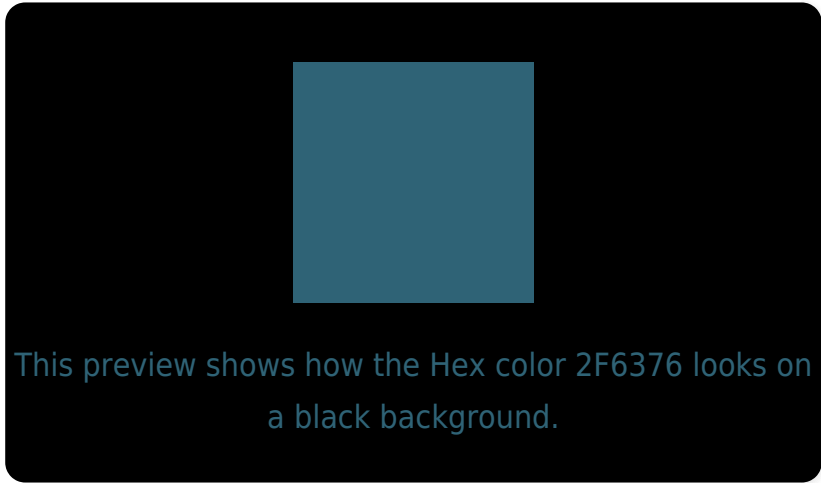
Large Text (above 18pt) WCAG AA ✓ Pass

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

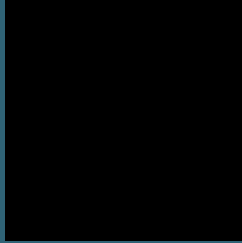
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

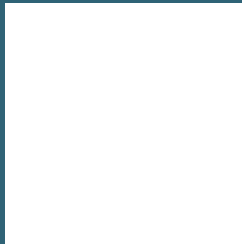
Any Text WCAG AAA × Fail

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

Hex 2F6376 Background



This preview shows how black text looks on a background with the Hex color 2F6376.

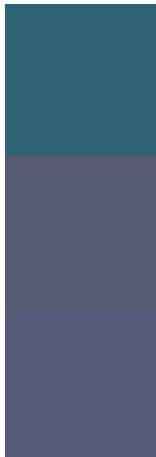


This preview shows how white text looks on a background with the Hex color 2F6376.

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
2F6376

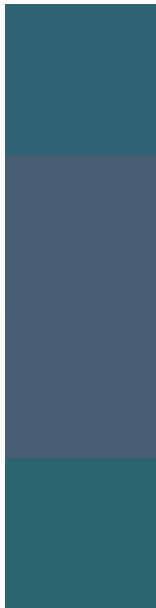
Protanopia
575B71

Deuteranopia
565B78



Tritanopia
2B656D

Trichromacy



Original Color
2F6376

Protanomaly
485E73

Deuteranomaly
485E77

Tritanomaly
2C6470

Monochromacy



Original Color
2F6376

Achromatopsia
565656

Achromatomaly
485B62

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F6376 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 #2F6376 looks like.

```
.text, #text, p{  
    color:#2F6376  
}
```

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 #2F6376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F6376
}
```

Border

The CSS property to change the border of an element to Hex 2F6376 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
#2F6376 }
```

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

```
.border{ border-color:#2F6376 }
```

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

Here you see how a box with a 4 pixel #2F6376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F6376; -webkit-box-shadow:4px 4px  
4px 4px #2F6376; box-shadow:4px 4px 4px  
4px #2F6376 }
```

Background

The CSS property to change the background color of an element to Hex 2F6376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F6376 }
```

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

```
.background{ background-color:#2F6376 }
```

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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