

Converting Colors

Hex(2F6461)

Have a look what the booklet for
Hex(2F6461) contains.

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Color

Hex(2F6461)

Conversions

Conversions Part 1

Format	Color
Hex	2F6461
RGB	47, 100, 97
RGB Percent	18%, 39%, 38%
CMY	0.8157, 0.6078, 0.6196
CMYK	0.53, 0.00, 0.03, 0.61
HSL	177°, 36%, 29%
HSV	177°, 53%, 39%
XYZ	7.8871, 10.5817, 12.9360
YIQ	83.8110, -30.6250, -12.1690

Conversions

Conversions Part 2

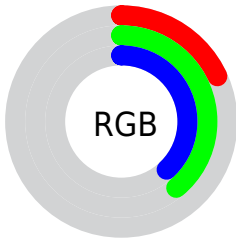
Format	Color
RYB	47, 74, 100
Decimal	3105889
CIELab	38.87, -18.41, -3.72
CIELCh	39, 18.781, 191.432
Yxy	10.5817, 0.2511, 0.3369
Android (android.graphics.Color)	4281295969 (0xFF2F6461)
YUV	83.8110, 6.5022, -32.2832
Hunter-Lab	32.5296, -13.6477, -0.8071




Details

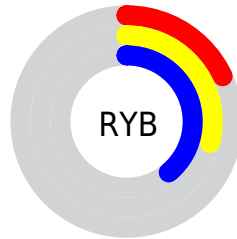
The Hex color **2F6461** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **642F32**, and the grayscale version is **545454**.




A 20% lighter version of the original color is **629794**, and **003533** is the 20% darker color. If you saturate the color by 10%, you get **256460**, and if you desaturate by 10%, it is **396462**.

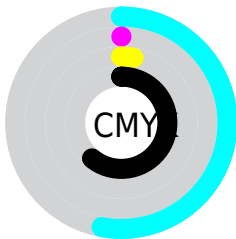
Distribution







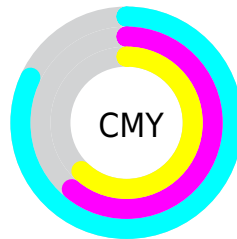
-  Red (18%)
-  Green (39%)
-  Blue (38%)






-  Red (18%)
-  Yellow (29%)
-  Blue (39%)



-  Cyan (53%)
-  Magenta (0%)
-  Yellow (3%)
-  Black (61%)



-  Cyan (82%)
-  Magenta (61%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F6461 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 2F6461 by changing the saturation by 10% instead.



2F6461



2F6461

FFFFFF



144C49



629794



003533



7CB2AE



00201E



97CDC9



000004



B2EAE6



000000



CEFFFF



EBFFFF



2F6461



2F6461



256460



396462

■ 1B6460

■ 436462

■ 11645F

■ 4D6463

■ 07645F

■ 576463

■ 00645E

■ 616464

■ 6B6464

■ 756465

■ 7F6466

■ 896466

Harmonies

Analogous

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



3E6351



2F6461



2C636F

Triad

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



2F6461



655672



6F573F

Complementary

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



2F6461



642F32

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.



785348



2F6461



745166

Square

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



2F6461



505B79



7A5056



605C3D

Rectangle

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



2F6461



346176



7A5056



725641

Sweetspot

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



2F6461



6D8281



33642F



364242



C2C2C2



424242

Same Dimension

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



2F6461



2F827D



2F4D64



2E3333



00736C



00F2E5

Inverse Universe

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



642F32



822F34



64462F



332E2E



730006



F2000E

Previews

White Background



This preview shows how the Hex color 2F6461 looks on a white background.

Color Contrast Check

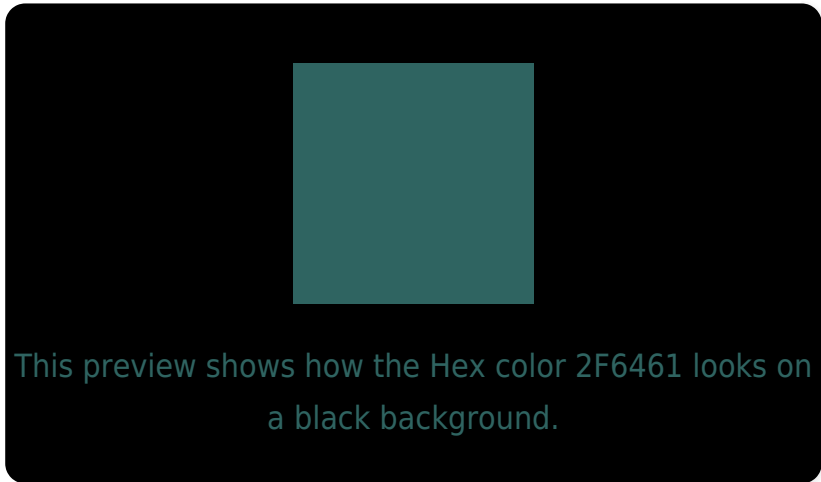
Large Text (above 18pt) WCAG AA ✓ Pass

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

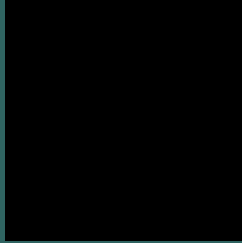
Any Text WCAG AA × Fail

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 2F6461 Background



This preview shows how black text looks on a background with the Hex color 2F6461.

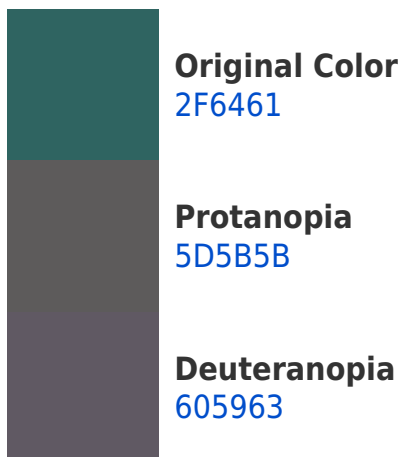


This preview shows how white text looks on a background with the Hex color 2F6461.

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](#).

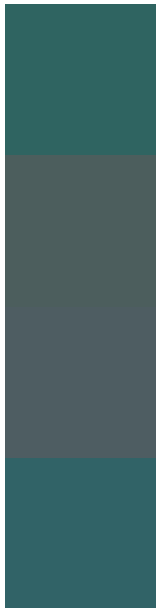
Dichromacy





Tritanopia
32636B

Trichromacy



Original Color
2F6461

Protanomaly
4C5E5D

Deuteranomaly
4E5D62

Tritanomaly
316367

Monochromacy



Original Color
2F6461

Achromatopsia
545454

Achromatomaly
475A59

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F6461 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 #2F6461 looks like.

```
.text, #text, p{  
    color:#2F6461  
}
```

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 #2F6461 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F6461  
}
```

Border

The CSS property to change the border of an element to Hex 2F6461 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".

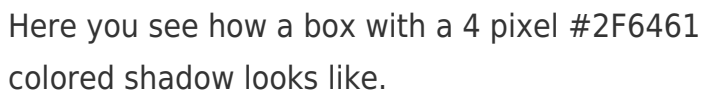
```
.border, #border, table{ border:4px solid  
#2F6461 }
```

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

```
.border{ border-color:#2F6461 }
```

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

Here you see how a box with a 4 pixel #2F6461 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F6461; -webkit-box-shadow:4px 4px  
4px 4px #2F6461; box-shadow:4px 4px 4px  
4px #2F6461 }
```

Background

The CSS property to change the background color of an element to Hex 2F6461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F6461 }
```

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

```
.background{ background-color:#2F6461 }
```

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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