

Converting Colors

Hex(2F6953)

Have a look what the booklet for
Hex(2F6953) contains.

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Color

Hex(2F6953)

Conversions

Conversions Part 1

Format	Color
Hex	2F6953
RGB	47, 105, 83
RGB Percent	18%, 41%, 33%
CMY	0.8157, 0.5882, 0.6745
CMYK	0.55, 0.00, 0.21, 0.59
HSL	157°, 38%, 30%
HSV	157°, 55%, 41%
XYZ	7.7852, 11.3320, 9.9606
YIQ	85.1500, -27.5060, -19.1380

Conversions

Conversions Part 2

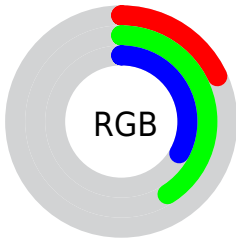
Format	Color
R_{YB}	47, 83, 105
Decimal	3107155
CIE _{Lab}	40.13, -24.81, 6.67
CIE _{LCh}	40, 25.694, 164.962
Yxy	11.3320, 0.2677, 0.3897
Android (android.graphics.Color)	4281297235 (0xFF2F6953)
YUV	85.1500, -1.0600, -33.4576
Hunter-Lab	33.6631, -17.6290, 6.0208

Details

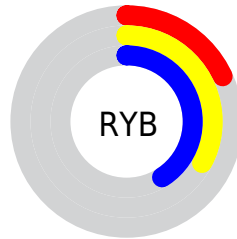
The Hex color **2F6953** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **692F45**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **629D84**, and **003926** is the 20% darker color. If you saturate the color by 10%, you get **25694F**, and if you desaturate by 10%, it is **3A6957**.

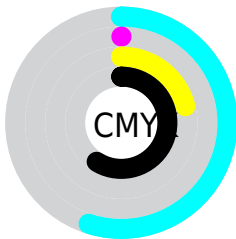
Distribution



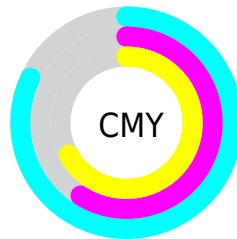
- Red (18%)
- Green (41%)
- Blue (33%)



- Red (18%)
- Yellow (33%)
- Blue (41%)



- Cyan (55%)
- Magenta (0%)
- Yellow (21%)
- Black (59%)



- Cyan (82%)
- Magenta (59%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2F6953 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 2F6953 by changing the saturation by 10% instead.

 2F6953

 2F6953

FFFFFF

 14513C

 629D84

 003926

 7CB89F

 002412

 97D4BA

 000100

 B2F0D5

 000000

 CEFFF2

 EBFFFF

 2F6953

 2F6953

 25694F

 3A6957

■ 1A694B

■ 44695B

■ 0F6947

■ 4F695F

■ 056943

■ 596963

■ 006941

■ 646967

■ 6E696B

■ 78696F

■ 836973

■ 8E6977

Harmonies

Analogous

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



4A6640



2F6953



0A6A69

Triad

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



2F6953



515D87



835342

Complementary

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



2F6953



692F45

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.



874E55



2F6953



6E557C

Square

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



2F6953



2C6487



814F6A



755A36

Rectangle

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



2F6953



006976



814F6A



865148

Sweetspot

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



2F6953



728A81



45692F



374540



C4C4C4



454545

Same Dimension

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



2F6953



2F8A67



2F6269



303634



007549



00F598

Inverse Universe

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



692F45



8A2F51



69362F



363032



75002C



F5005D

Previews

White Background



This preview shows how the Hex color 2F6953 looks on a white background.

Color Contrast Check

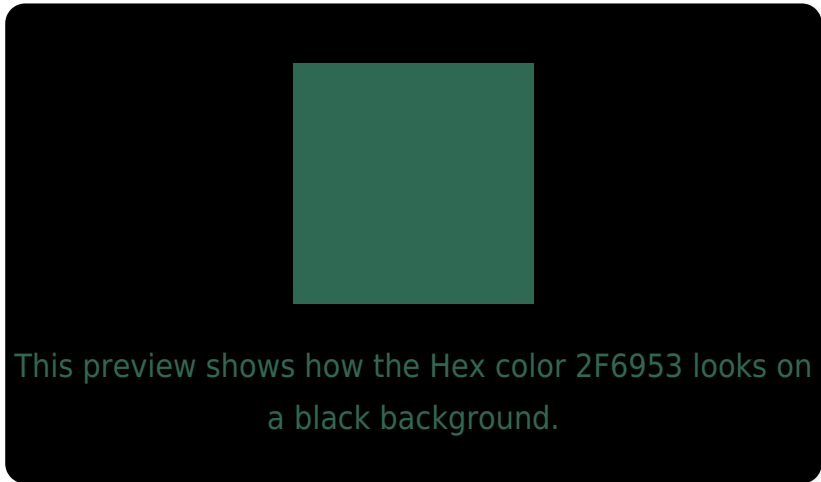
Large Text (above 18pt) WCAG AA ✓ Pass

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

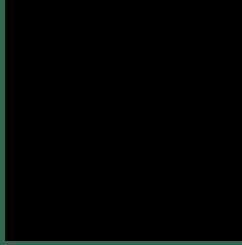
Any Text WCAG AA × Fail

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 2F6953 Background



This preview shows how black text looks on a background with the Hex color 2F6953.



This preview shows how white text looks on a background with the Hex color 2F6953.

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
2F6953

Protanopia
645E4E

Deuteranopia
6A5B56



Tritanopia
37656E

Trichromacy



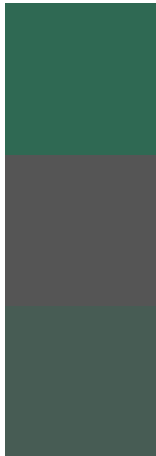
Original Color
2F6953

Protanomaly
516250

Deuteranomaly
556055

Tritanomaly
346664

Monochromacy



Original Color
2F6953

Achromatopsia
555555

Achromatomaly
475C54

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F6953 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 #2F6953 looks like.

```
.text, #text, p{  
    color:#2F6953  
}
```

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 #2F6953 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F6953
}
```

Border

The CSS property to change the border of an element to Hex 2F6953 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
#2F6953 }
```

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

```
.border{ border-color:#2F6953 }
```

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

Here you see how a box with a 4 pixel #2F6953 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F6953; -webkit-box-shadow:4px 4px  
4px 4px #2F6953; box-shadow:4px 4px 4px  
4px #2F6953 }
```

Background

The CSS property to change the background color of an element to Hex 2F6953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F6953 }
```

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

```
.background{ background-color:#2F6953 }
```

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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