

# Converting Colors

Hex(2F654A)

Have a look what the booklet for  
Hex(2F654A) contains.

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# Color

**Hex(2F654A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2F654A
RGB	47, 101, 74
RGB Percent	18%, 40%, 29%
CMY	0.8157, 0.6039, 0.7098
CMYK	0.53, 0.00, 0.27, 0.60
HSL	150°, 36%, 29%
HSV	150°, 53%, 40%
XYZ	7.0620, 10.4061, 8.1149
YIQ	81.7760, -23.5170, -19.8450

# Conversions

## Conversions Part 2

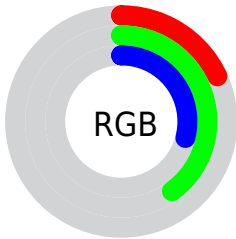
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 83, 101
Decimal	3106122
CIELab	38.56, -24.98, 9.91
CIELCh	39, 26.872, 158.369
Yxy	10.4061, 0.2760, 0.4068
Android (android.graphics.Color)	4281296202 (0xFF2F654A)
YUV	81.7760, -3.8336, -30.4986
Hunter-Lab	32.2585, -17.3753, 7.6660

# Details

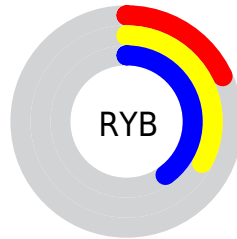
The Hex color **2F654A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **652F4A**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **61987B**, and **00361E** is the 20% darker color. If you saturate the color by 10%, you get **256545**, and if you desaturate by 10%, it is **39654F**.

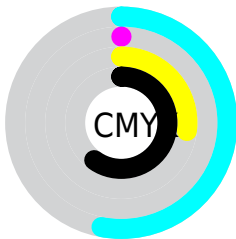
# Distribution



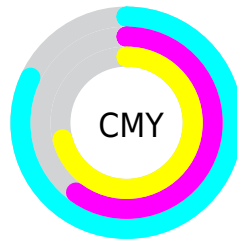
- Red (18%)
- Green (40%)
- Blue (29%)



- Red (18%)
- Yellow (33%)
- Blue (40%)



- Cyan (53%)
- Magenta (0%)
- Yellow (27%)
- Black (60%)



- Cyan (82%)
- Magenta (60%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F654A 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 2F654A by changing the saturation by 10% instead.



 2F654A

 2F654A

FFFFFF

 154D33

 61987B

 00361E

 7BB395

 002106

 96CFAF

 000000

 B1EBCB

 CDFFE7

 EAFFFF

 2F654A

 2F654A

 256545

 39654F

■ 1B6540

■ 436554

■ 11653B

■ 4D6559

■ 076536

■ 57655E

■ 006533

■ 626563

■ 6C6568

■ 76656D

■ 806572

■ 8A6577

# Harmonies

## Analogous

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



4B6138



2F654A



006660

# Triad

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



2F654A



445B86



824D41

# Complementary

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



2F654A



652F4A

# 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.



844955



2F654A



65537D

# Square

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



2F654A



146183



7B4C6B



765432

# Rectangle

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



2F654A



00666F



7B4C6B



844B47



# Sweetspot

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



2F654A



6D8278



4A652F



36423C



C2C2C2



424242



# Same Dimension

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



2F654A



2F8258



2F6565



2E3330



007339



00F279



# Inverse Universe

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



652F4A



822F58



652F2F



332E30



730039



F20079



# Previews

## White Background



This preview shows how the Hex color 2F654A looks on a white background.

## Color Contrast Check

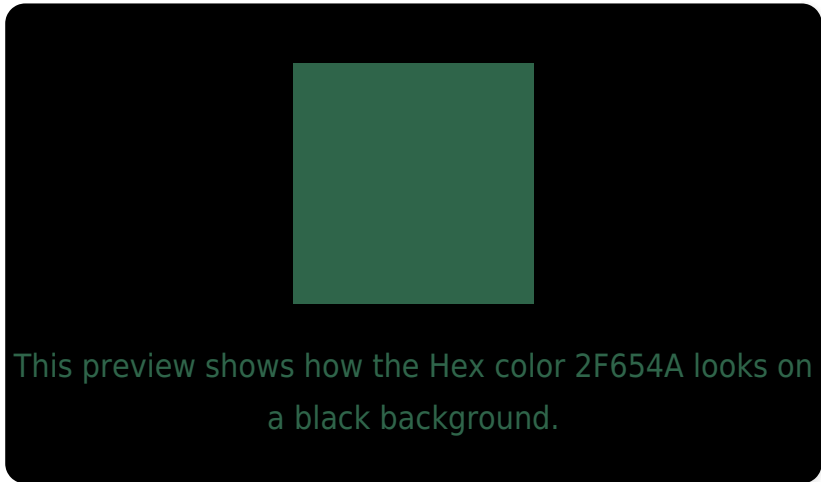
Large Text (above 18pt) WCAG AA ✓ Pass

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

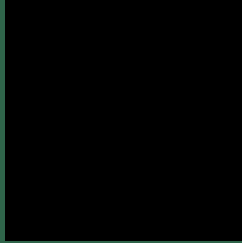
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2F654A Background



This preview shows how black text looks on a background with the Hex color 2F654A.

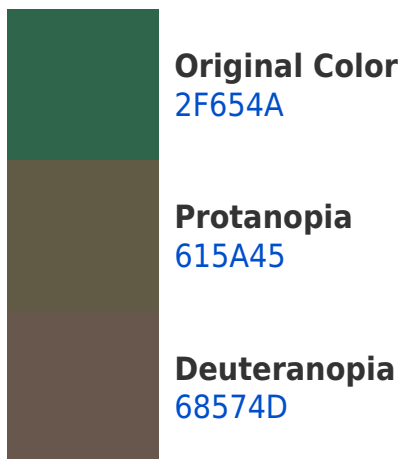


This preview shows how white text looks on a background with the Hex color 2F654A.

# 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**  
386169

# Trichromacy



**Original Color**  
2F654A

**Protanomaly**  
4F5E47

**Deuteranomaly**  
535C4C

**Tritanomaly**  
35625E

# Monochromacy



**Original Color**  
2F654A

**Achromatopsia**  
525252

**Achromatomaly**  
45594F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F654A 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 #2F654A looks like.

```
.text, #text, p{  
    color:#2F654A  
}
```

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 #2F654A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F654A
}
```

## Border

The CSS property to change the border of an element to Hex 2F654A 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
#2F654A }
```

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

```
.border{ border-color:#2F654A }
```

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

Here you see how a box with a 4 pixel #2F654A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F654A; -webkit-box-shadow:4px 4px  
4px 4px #2F654A; box-shadow:4px 4px 4px  
4px #2F654A }
```

# Background

The CSS property to change the background color of an element to Hex 2F654A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F654A }
```

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

```
.background{ background-color:#2F654A }
```

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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