

# Converting Colors

Hex(2F553B)

Have a look what the booklet for  
Hex(2F553B) contains.

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# Color

**Hex(2F553B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2F553B
RGB	47, 85, 59
RGB Percent	18%, 33%, 23%
CMY	0.8157, 0.6667, 0.7686
CMYK	0.45, 0.00, 0.31, 0.67
HSL	139°, 29%, 26%
HSV	139°, 45%, 33%
XYZ	5.2102, 7.4171, 5.2947
YIQ	70.6740, -14.3020, -16.1420

# Conversions

## Conversions Part 2

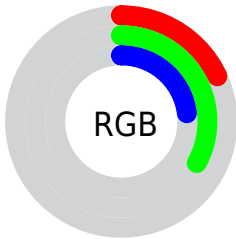
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 76, 85
Decimal	3102011
CIELab	32.74, -20.14, 11.03
CIELCh	33, 22.965, 151.291
Yxy	7.4171, 0.2907, 0.4139
Android (android.graphics.Color)	4281292091 (0xFF2F553B)
YUV	70.6740, -5.7553, -20.7621
Hunter-Lab	27.2344, -13.5113, 7.5373

# Details

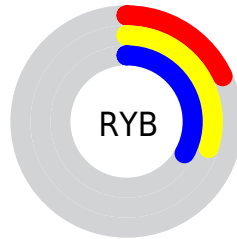
The Hex color **2F553B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **552F49**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **5F876A**, and **012711** is the 20% darker color. If you saturate the color by 10%, you get **275535**, and if you desaturate by 10%, it is **385541**.

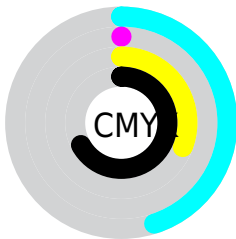
# Distribution



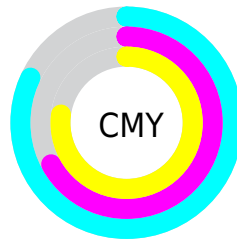
- Red (18%)
- Green (33%)
- Blue (23%)



- Red (18%)
- Yellow (30%)
- Blue (33%)



- Cyan (45%)
- Magenta (0%)
- Yellow (31%)
- Black (67%)



- Cyan (82%)
- Magenta (67%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F553B 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 2F553B by changing the saturation by 10% instead.



 2F553B

 2F553B

FFFFFF

 183E25

 5F876A

 012711

 78A184

 001100

 93BC9E

 000000

 ADD8B9

 C9F5D4

 E5FFF1

 2F553B

 2F553B

 275535

 385541

■ 1E552F

■ 405547

■ 16552A

■ 49554C

■ 0D5524

■ 515552

■ 05551E

■ 595558

■ 00551B

■ 62555E

■ 6A5564

■ 73556A

■ 7B556F

# Harmonies

## Analogous

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



45512D



2F553B



13574D

# Triad

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



2F553B



334F71



6F403B

# Complementary

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



2F553B



552F49

# 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.



6F3F4D



2F553B



50486C

# Square

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



2F553B



0C536C



64425F



67462E

# Rectangle

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



2F553B



00565A



64425F



703F41



# Sweetspot

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



2F553B



5F6E64



4A552F



2F3832



B8B8B8



383838



# Same Dimension

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



2F553B



326E45



2F554D



272B28



006B22



00EB4A



# Inverse Universe

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



552F49



6E325B



552F37



2B272A



6B0049

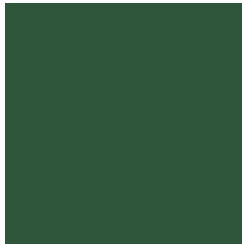


EB00A1



# Previews

## White Background



This preview shows how the Hex color 2F553B looks on a white background.

## Color Contrast Check

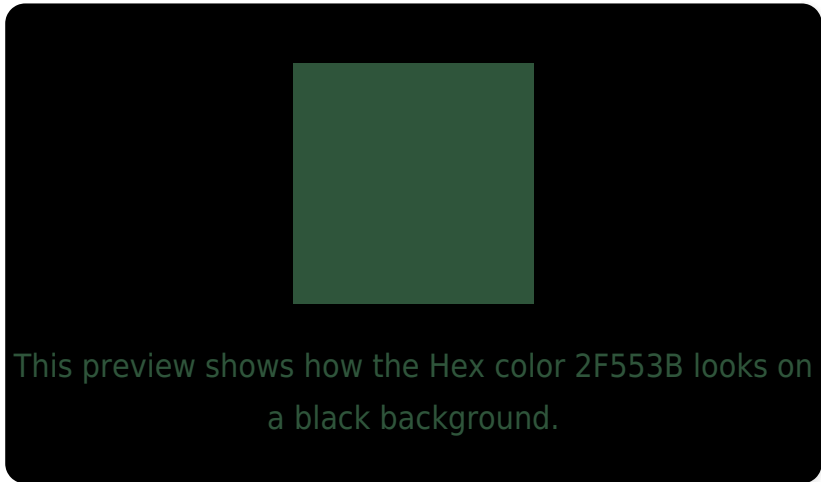
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

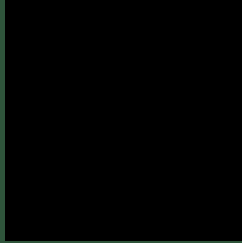
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2F553B Background



This preview shows how black text looks on a background with the Hex color 2F553B.



This preview shows how white text looks on a background with the Hex color 2F553B.

# 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**  
2F553B

**Protanopia**  
534D37

**Deuteranopia**  
594A3D



**Tritanopia**  
365158

# Trichromacy



**Original Color**  
2F553B

**Protanomaly**  
465038

**Deuteranomaly**  
4A4E3C

**Tritanomaly**  
33524D

# Monochromacy



**Original Color**  
2F553B

**Achromatopsia**  
474747

**Achromatomaly**  
3E4C43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F553B 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 #2F553B looks like.

```
.text, #text, p{  
    color:#2F553B  
}
```

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 #2F553B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F553B
}
```

## Border

The CSS property to change the border of an element to Hex 2F553B 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
#2F553B }
```

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

```
.border{ border-color:#2F553B }
```

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

Here you see how a box with a 4 pixel #2F553B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F553B; -webkit-box-shadow:4px 4px  
4px 4px #2F553B; box-shadow:4px 4px 4px  
4px #2F553B }
```

# Background

The CSS property to change the background color of an element to Hex 2F553B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F553B }
```

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

```
.background{ background-color:#2F553B }
```

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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