

# Converting Colors

Hex(2F8543)

Have a look what the booklet for  
Hex(2F8543) contains.

<b>Hex(2F8543)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(2F8543)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2F8543
RGB	47, 133, 67
RGB Percent	18%, 52%, 26%
CMY	0.8157, 0.4784, 0.7373
CMYK	0.65, 0.00, 0.50, 0.48
HSL	134°, 48%, 35%
HSV	134°, 65%, 52%
XYZ	10.5729, 17.7846, 8.1857
YIQ	99.7620, -30.0700, -38.7580

# Conversions

## Conversions Part 2

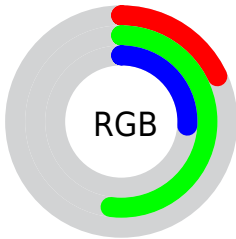
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 117, 133
Decimal	3114307
CIELab	49.23, -40.71, 28.06
CIElCh	49, 49.447, 145.423
Yxy	17.7846, 0.2893, 0.4867
Android (android.graphics.Color)	4281304387 (0xFF2F8543)
YUV	99.7620, -16.1517, -46.2723
Hunter-Lab	42.1718, -29.0488, 18.0119

# Details

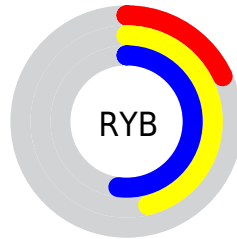
The Hex color **2F8543** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **852F71**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **67BB74**, and **005215** is the 20% darker color. If you saturate the color by 10%, you get **228539**, and if you desaturate by 10%, it is **3C854D**.

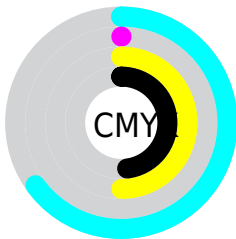
# Distribution



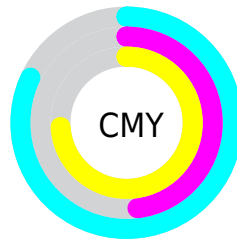
- Red (18%)
- Green (52%)
- Blue (26%)



- Red (18%)
- Yellow (46%)
- Blue (52%)



- Cyan (65%)
- Magenta (0%)
- Yellow (50%)
- Black (48%)



- Cyan (82%)
- Magenta (48%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F8543 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 2F8543 by changing the saturation by 10% instead.



 2F8543

 2F8543

FFFFFF

 0A6B2C

 67BB74

 005215

 82D78E

 003A00

 9EF4A9

 002600

 BAFFC4

 000000

 D7FFE1

 F4FFFD

 2F8543

 2F8543

 228539

 3C854D

■ 14852F

■ 4A8557

■ 078524

■ 578562

■ 00851F

■ 64856C

■ 728576

■ 7F8580

■ 8C858A

■ 998595

■ A7859F

# Harmonies

## Analogous

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



687D22



2F8543



00896D

# Triad

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



2F8543



007CC9



C05154

# Complementary

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



2F8543



852F71

# 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.



BD4E7D



2F8543



6A6DC1

# Square

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



2F8543



0085B9



A25BA5



AF6030

# Rectangle

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



2F8543



00898A



A25BA5



C24E61



# Sweetspot

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



2F8543



8CAD94



72852F



435747



D6D6D6



575757



# Same Dimension

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



2F8543



26AD46



2F856D



3C423D



00821E



000301



# Inverse Universe

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



852F71



AD268E



852F47



423C41



820064



030002



# Previews

## White Background



This preview shows how the Hex color 2F8543 looks on a white background.

## Color Contrast Check

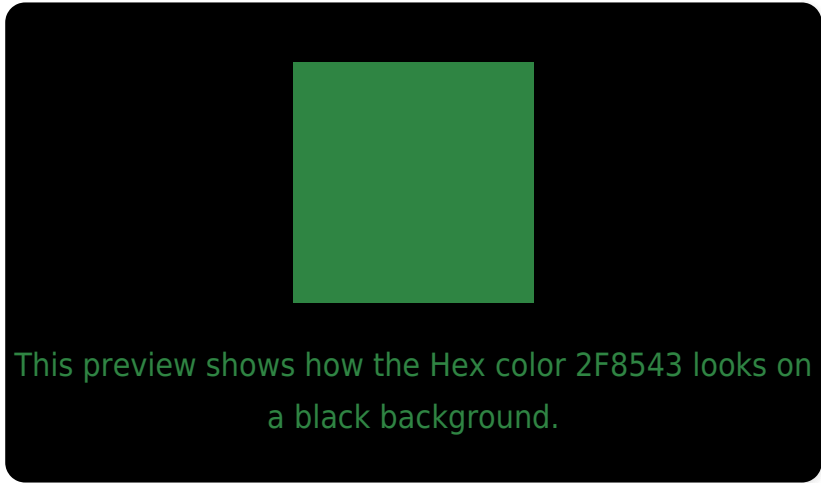
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2F8543 Background



This preview shows how black text looks on a background with the Hex color 2F8543.



This preview shows how white text looks on a background with the Hex color 2F8543.

# 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**  
2F8543

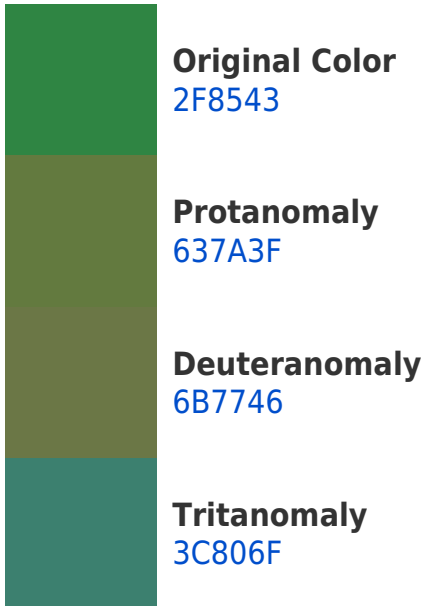
**Protanopia**  
80743D

**Deuteranopia**  
8D6F48



**Tritanopia**  
437D88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F8543 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 #2F8543 looks like.

```
.text, #text, p{  
    color:#2F8543  
}
```

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 #2F8543 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F8543
}
```

## Border

The CSS property to change the border of an element to Hex 2F8543 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
#2F8543 }
```

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

```
.border{ border-color:#2F8543 }
```

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

Here you see how a box with a 4 pixel #2F8543 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F8543; -webkit-box-shadow:4px 4px  
4px 4px #2F8543; box-shadow:4px 4px 4px  
4px #2F8543 }
```

# Background

The CSS property to change the background color of an element to Hex 2F8543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F8543 }
```

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

```
.background{ background-color:#2F8543 }
```

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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