

# Converting Colors

Hex(254F3D)

Have a look what the booklet for  
Hex(254F3D) contains.

<b>Hex(254F3D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(254F3D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	254F3D
RGB	37, 79, 61
RGB Percent	15%, 31%, 24%
CMY	0.8549, 0.6902, 0.7608
CMYK	0.53, 0.00, 0.23, 0.69
HSL	154°, 36%, 23%
HSV	154°, 53%, 31%
XYZ	4.4012, 6.3222, 5.4032
YIQ	64.3900, -19.2540, -14.5020

# Conversions

## Conversions Part 2

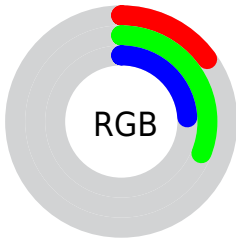
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 64, 79
Decimal	2445117
CIELab	30.21, -19.64, 6.18
CIELCh	30, 20.587, 162.534
Yxy	6.3222, 0.2729, 0.3920
Android (android.graphics.Color)	4280635197 (0xFF254F3D)
YUV	64.3900, -1.6713, -24.0210
Hunter-Lab	25.1440, -12.7571, 4.8599

# Details

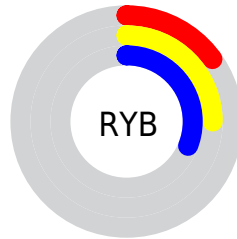
The Hex color **254F3D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4F2537**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **55806C**, and **002213** is the 20% darker color. If you saturate the color by 10%, you get **1D4F3A**, and if you desaturate by 10%, it is **2D4F40**.

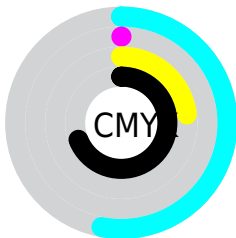
# Distribution



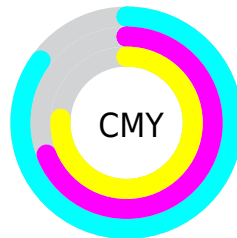
- Red (15%)
- Green (31%)
- Blue (24%)



- Red (15%)
- Yellow (25%)
- Blue (31%)



- Cyan (53%)
- Magenta (0%)
- Yellow (23%)
- Black (69%)



- Cyan (85%)
- Magenta (69%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 254F3D 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 254F3D by changing the saturation by 10% instead.



 254F3D

 254F3D

FFFFFF

 0C3827

 55806C

 002213

 6E9B86

 000100

 88B6A0

 000000

 A3D1BB

 BEEED7

 DAFFF3

 F7FFFF

 254F3D

 254F3D

■ 1D4F3A

■ 2D4F40

■ 154F36

■ 354F44

■ 0D4F33

■ 3D4F47

■ 054F2F

■ 454F4B

■ 004F2D

■ 4D4F4E

■ 544F51

■ 5C4F55

■ 644F58

■ 6C4F5B

# Harmonies

## Analogous

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



394D2F



254F3D



0D504E

# Triad

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



254F3D



3B4666



643E32

# Complementary

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



254F3D



4F2537

# 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.



663B41



254F3D



52415F

# Square

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



254F3D



1F4B65



603C51



5A4329

# Rectangle

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



254F3D



014F58



603C51



653C37



# Sweetspot

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



254F3D



56665F



374F25



29332F



B3B3B3



333333



# Same Dimension

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



254F3D



25664A



254C4F



222625



00663A



00E683



# Inverse Universe

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



4F2537



662541



4F2825



262224



66002C

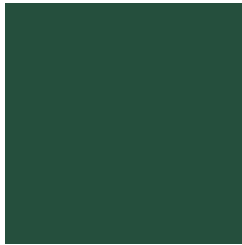


E60062



# Previews

## White Background



This preview shows how the Hex color 254F3D looks on a white background.

## Color Contrast Check

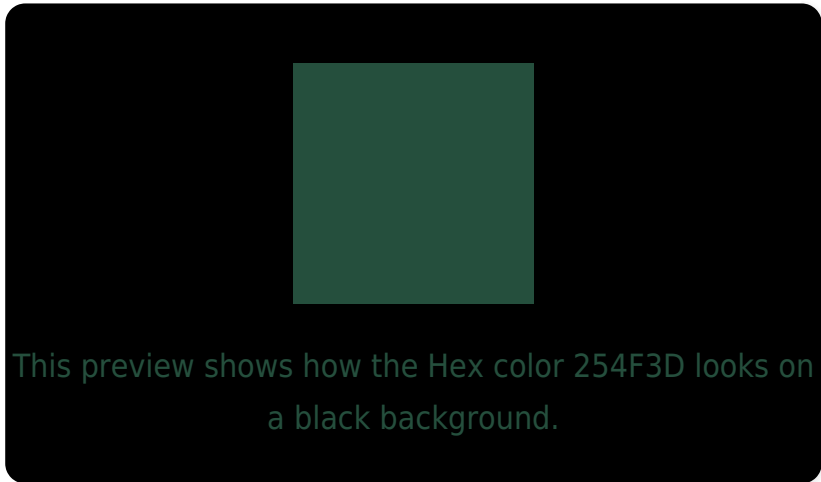
Large Text (above 18pt) WCAG AA ✓ Pass

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

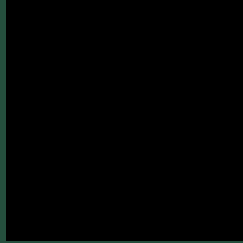
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 254F3D Background



This preview shows how black text looks on a background with the Hex color 254F3D.



This preview shows how white text looks on a background with the Hex color 254F3D.

# 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](#).

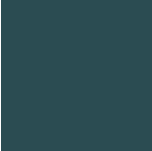
## Dichromacy



**Original Color**  
254F3D

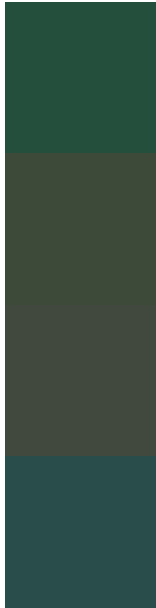
**Protanopia**  
4B4739

**Deuteranopia**  
51443F



**Tritanopia**  
2B4C52

# Trichromacy



**Original Color**  
254F3D

**Protanomaly**  
3D4A3A

**Deuteranomaly**  
41483E

**Tritanomaly**  
294D4A

# Monochromacy



**Original Color**  
254F3D

**Achromatopsia**  
404040

**Achromatomaly**  
36453F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 254F3D 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 #254F3D looks like.

```
.text, #text, p{  
    color:#254F3D  
}
```

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 #254F3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #254F3D
}
```

## Border

The CSS property to change the border of an element to Hex 254F3D 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
#254F3D }
```

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

```
.border{ border-color:#254F3D }
```

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

Here you see how a box with a 4 pixel #254F3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #254F3D; -webkit-box-shadow:4px 4px  
4px 4px #254F3D; box-shadow:4px 4px 4px  
4px #254F3D }
```

# Background

The CSS property to change the background color of an element to Hex 254F3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#254F3D }
```

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

```
.background{ background-color:#254F3D }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor