

# Converting Colors

Hex(25523F)

Have a look what the booklet for  
Hex(25523F) contains.

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# Color

Hex(25523F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	25523F
RGB	37, 82, 63
RGB Percent	15%, 32%, 25%
CMY	0.8549, 0.6784, 0.7529
CMYK	0.55, 0.00, 0.23, 0.68
HSL	155°, 38%, 23%
HSV	155°, 55%, 32%
XYZ	4.6774, 6.7868, 5.7661
YIQ	66.3790, -20.7210, -15.4490

# Conversions

## Conversions Part 2

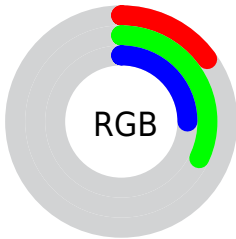
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 66, 82
Decimal	2445887
CIE Lab	31.32, -20.72, 6.47
CIE LCh	31, 21.710, 162.647
Yxy	6.7868, 0.2715, 0.3939
Android (android.graphics.Color)	4280635967 (0xFF25523F)
YUV	66.3790, -1.6658, -25.7654
Hunter-Lab	26.0515, -13.5410, 5.1131

# Details

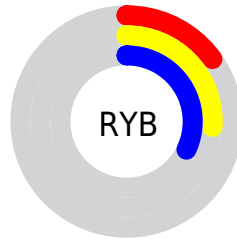
The Hex color **25523F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **522538**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **56846F**, and **002515** is the 20% darker color. If you saturate the color by 10%, you get **1D523C**, and if you desaturate by 10%, it is **2D5242**.

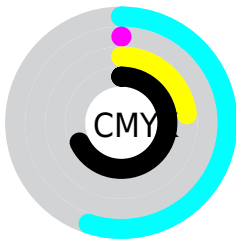
# Distribution



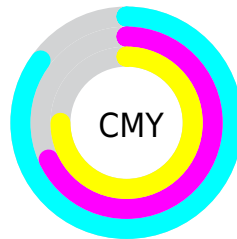
- Red (15%)
- Green (32%)
- Blue (25%)



- Red (15%)
- Yellow (26%)
- Blue (32%)



- Cyan (55%)
- Magenta (0%)
- Yellow (23%)
- Black (68%)



- Cyan (85%)
- Magenta (68%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25523F 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 25523F by changing the saturation by 10% instead.



 25523F

 25523F


FFFFFF

 0B3B29

 56846F

 002515

 6F9E88

 000900

 89B9A2

 000000

 A4D5BD

 BFF1D9

 DBFFF5

 F8FFFF

 25523F

 25523F

■ 1D523C

■ 2D5242

■ 155238

■ 355246

■ 0C5235

■ 3E5249

■ 045231

■ 46524D

■ 00522F

■ 4E5250

■ 565254

■ 5E5257

■ 67525B

■ 6F525E

# Harmonies

## Analogous

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



3B4F30



25523F



085351

# Triad

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



25523F



3D496B



684033

# Complementary

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



25523F



522538

# 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.



6B3C43



25523F



554363

# Square

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



25523F



1E4E6A



653E54



5D4529

# Rectangle

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



25523F



00525B



653E54



6A3E38



# Sweetspot

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



25523F



5A6B64



385225



2B3631



B5B5B5



363636



# Same Dimension

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



25523F



246B4D



254F52



252927



00693C



00E886



# Inverse Universe

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



522538



6B2442



522825



292526



69002C

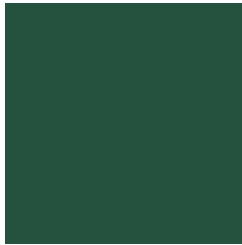


E80062



# Previews

## White Background



This preview shows how the Hex color 25523F looks on a white background.

## Color Contrast Check

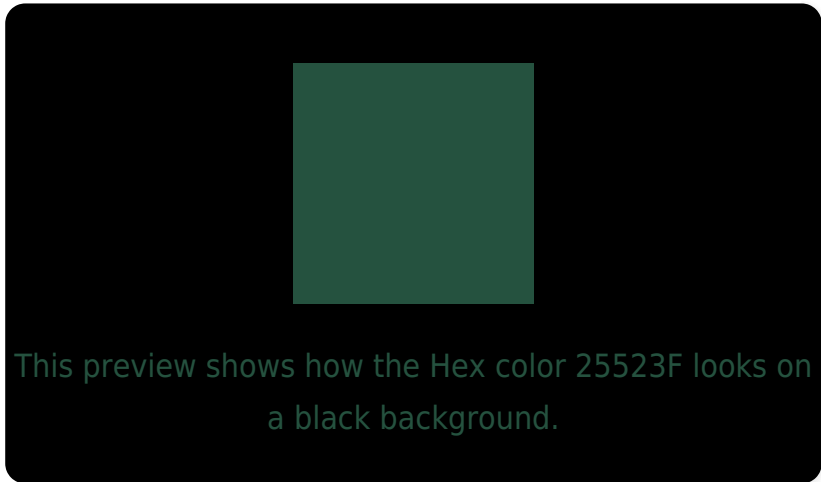
Large Text (above 18pt) WCAG AA ✓ Pass

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

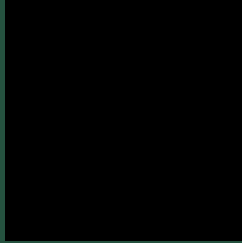
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 25523F Background



This preview shows how black text looks on a background with the Hex color 25523F.



This preview shows how white text looks on a background with the Hex color 25523F.

# 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**  
25523F

**Protanopia**  
4E493B

**Deuteranopia**  
534741



# Trichromacy



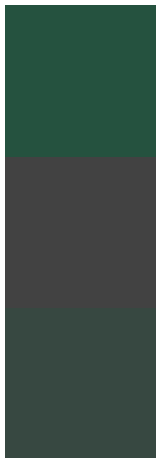
**Original Color**  
25523F

**Protanomaly**  
3F4C3C

**Deuteranomaly**  
424B40

**Tritanomaly**  
29504D

# Monochromacy



**Original Color**  
25523F

**Achromatopsia**  
424242

**Achromatomaly**  
374841

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25523F 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 #25523F looks like.

```
.text, #text, p{  
    color:#25523F  
}
```

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 #25523F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25523F
}
```

## Border

The CSS property to change the border of an element to Hex 25523F 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
#25523F }
```

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

```
.border{ border-color:#25523F }
```

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

Here you see how a box with a 4 pixel #25523F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25523F; -webkit-box-shadow:4px 4px  
4px 4px #25523F; box-shadow:4px 4px 4px  
4px #25523F }
```

# Background

The CSS property to change the background color of an element to Hex 25523F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25523F }
```

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

```
.background{ background-color:#25523F }
```

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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