

# Converting Colors

Hex(325F47)

Have a look what the booklet for  
Hex(325F47) contains.

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# Color

Hex(325F47)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	325F47
RGB	50, 95, 71
RGB Percent	20%, 37%, 28%
CMY	0.8039, 0.6275, 0.7216
CMYK	0.47, 0.00, 0.25, 0.63
HSL	148°, 31%, 28%
HSV	148°, 47%, 37%
XYZ	6.5449, 9.3175, 7.4147
YIQ	78.8090, -19.1160, -17.0040

# Conversions

## Conversions Part 2

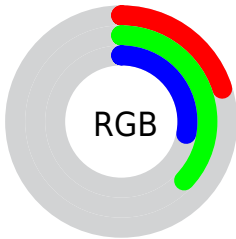
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	50, 81, 95
Decimal	3301191
CIE <sub>Lab</sub>	36.59, -21.73, 9.00
CIE <sub>LCh</sub>	37, 23.524, 157.512
Yxy	9.3175, 0.2812, 0.4003
Android (android.graphics.Color)	4281491271 (0xFF325F47)
YUV	78.8090, -3.8498, -25.2655
Hunter-Lab	30.5245, -15.1447, 6.9650

# Details

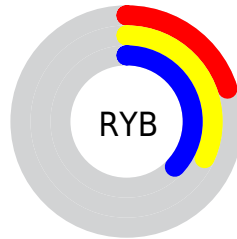
The Hex color **325F47** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5F324A**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **639277**, and **00301C** is the 20% darker color. If you saturate the color by 10%, you get **295F42**, and if you desaturate by 10%, it is **3B5F4C**.

# Distribution



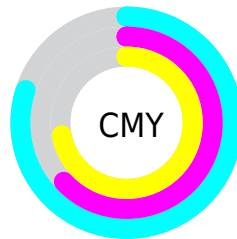
- Red (20%)
- Green (37%)
- Blue (28%)



- Red (20%)
- Yellow (32%)
- Blue (37%)



- Cyan (47%)
- Magenta (0%)
- Yellow (25%)
- Black (63%)



- Cyan (80%)
- Magenta (63%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 325F47 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 325F47 by changing the saturation by 10% instead.





325F47



325F47

FFFFFF



1A4731



639277



00301C



7DAD91



001D01



97C8AC



000000



B2E4C7



CEFFE3



EBFFFF



325F47



325F47



295F42



3B5F4C

■ 1F5F3D

■ 455F51

■ 155F38

■ 4E5F56

■ 0C5F33

■ 585F5B

■ 025F2E

■ 625F60

■ 005F2C

■ 6B5F65

■ 755F6A

■ 7E5F70

■ 885F75

# Harmonies

## Analogous

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



495C37



325F47



16605A

# Triad

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



325F47



42567B



794A40

# Complementary

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



325F47



5F324A

# 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.



7A4752



325F47



5E4F74

# Square

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



325F47



205C79



724965



6E5033

# Rectangle

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



325F47



026067



724965



7A4946



# Sweetspot

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



325F47



697A71



4A5F32



333D38



BDBDBD



3D3D3D



# Same Dimension

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



325F47



357A55



325F5E



2C302E



007034



00F070



# Inverse Universe

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



5F324A



7A355A



5F3233



302C2E



70003C

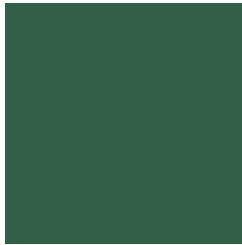


F00080



# Previews

## White Background



This preview shows how the Hex color 325F47 looks on a white background.

## Color Contrast Check

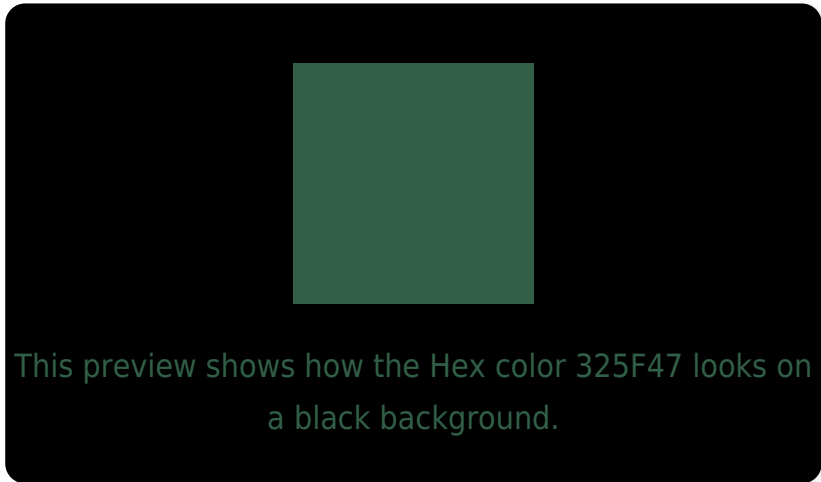
Large Text (above 18pt) WCAG AA ✓ Pass

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

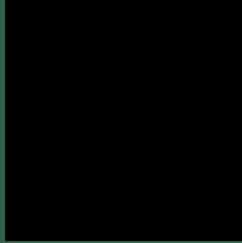
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 325F47 Background



This preview shows how black text looks on a background with the Hex color 325F47.



This preview shows how white text looks on a background with the Hex color 325F47.

# 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**  
325F47

**Protanopia**  
5B5643

**Deuteranopia**  
62534A



**Tritanopia**  
395B63

# Trichromacy



**Original Color**  
325F47

**Protanomaly**  
4C5944

**Deuteranomaly**  
515749

**Tritanomaly**  
365C59

# Monochromacy



**Original Color**  
325F47

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
44554C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 325F47 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 #325F47 looks like.

```
.text, #text, p{  
    color:#325F47  
}
```

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 #325F47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #325F47  
}
```

## Border

The CSS property to change the border of an element to Hex 325F47 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  
#325F47 }
```

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

```
.border{ border-color:#325F47 }
```

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

Here you see how a box with a 4 pixel #325F47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #325F47; -webkit-box-shadow:4px 4px  
4px 4px #325F47; box-shadow:4px 4px 4px  
4px #325F47 }
```

# Background

The CSS property to change the background color of an element to Hex 325F47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#325F47 }
```

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

```
.background{ background-color:#325F47 }
```

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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