

Converting Colors

Hex(325D53)

Have a look what the booklet for
Hex(325D53) contains.

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Color

Hex(325D53)

Conversions

Conversions Part 1

Format	Color
Hex	325D53
RGB	50, 93, 83
RGB Percent	20%, 36%, 33%
CMY	0.8039, 0.6353, 0.6745
CMYK	0.46, 0.00, 0.11, 0.64
HSL	166°, 30%, 28%
HSV	166°, 46%, 36%
XYZ	6.7911, 9.1313, 9.5882
YIQ	79.0030, -22.4180, -12.2260

Conversions

Conversions Part 2

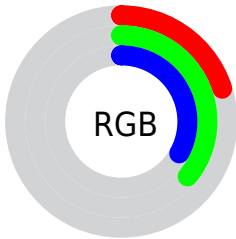
Format	Color
RYB	50, 74, 93
Decimal	3300691
CIELab	36.24, -17.68, 1.08
CIELCh	36, 17.711, 176.495
Yxy	9.1313, 0.2662, 0.3579
Android (android.graphics.Color)	4281490771 (0xFF325D53)
YUV	79.0030, 1.9705, -25.4356
Hunter-Lab	30.2181, -12.7665, 2.3400




Details

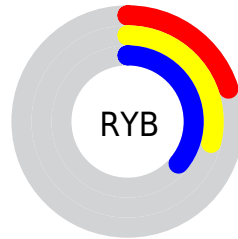
The Hex color **325D53** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5D323C**, and the grayscale version is **4F4F4F**.




A 20% lighter version of the original color is **639084**, and **002F26** is the 20% darker color. If you saturate the color by 10%, you get **295D51**, and if you desaturate by 10%, it is **3B5D55**.

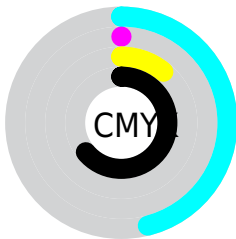
Distribution







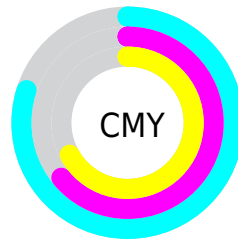
-  Red (20%)
-  Green (36%)
-  Blue (33%)






-  Red (20%)
-  Yellow (29%)
-  Blue (36%)



-  Cyan (46%)
-  Magenta (0%)
-  Yellow (11%)
-  Black (64%)



-  Cyan (80%)
-  Magenta (64%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 325D53 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 325D53 by changing the saturation by 10% instead.



325D53



325D53

FFFFFF



1A453C



639084



002F26



7DAA9E



001B12



97C5B9



000000



B2E2D5



CEFEF1



EBFFFF



325D53



325D53



295D51



3B5D55

■ 1F5D4F

■ 455D57

■ 165D4D

■ 4E5D59

■ 0D5D4A

■ 575D5C

■ 035D48

■ 615D5E

■ 005D47

■ 6A5D60

■ 735D62

■ 7C5D64

■ 865D66

Harmonies

Analogous

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



425B45



325D53



295D61

Triad

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



325D53



55526F



6C4F3E

Complementary

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



325D53



5D323C

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.



724B49



325D53



664D65

Square

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



325D53



405771



704B57



615439

Rectangle

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



325D53



2B5C69



704B57



6F4E41

Sweetspot

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



325D53



677874



3C5D32



333D3B



BDBDBD



3D3D3D

Same Dimension

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



325D53



367869



32525D



292E2D



006E54



00EDB6

Inverse Universe

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



5D323C



783645



5D3D32



2E292A



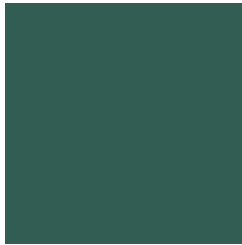
6E001A



ED0037

Previews

White Background



This preview shows how the Hex color 325D53 looks on a white background.

Color Contrast Check

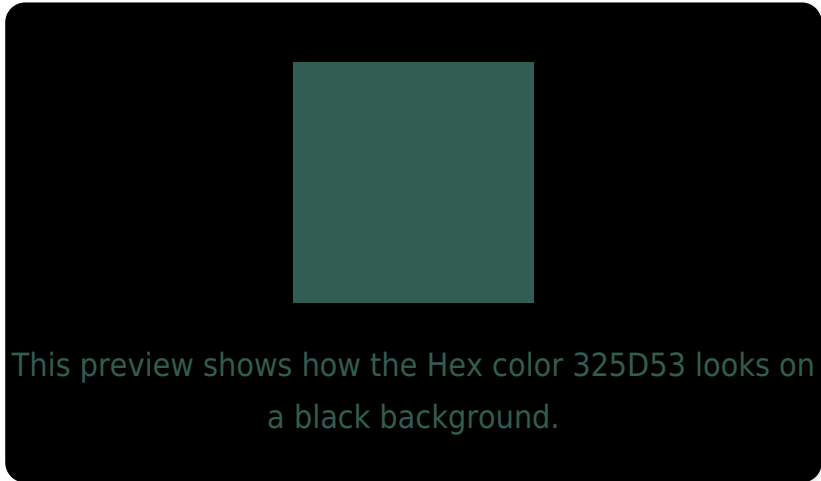
Large Text (above 18pt) WCAG AA ✓ Pass

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

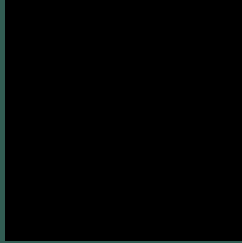
Any Text WCAG AA × Fail

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 325D53 Background



This preview shows how black text looks on a background with the Hex color 325D53.



This preview shows how white text looks on a background with the Hex color 325D53.

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
325D53

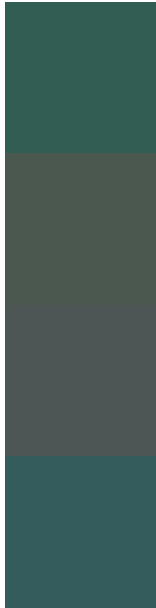
Protanopia
58554E

Deuteranopia
5D5255



Tritanopia
365B62

Trichromacy



Original Color
325D53

Protanomaly
4A5850

Deuteranomaly
4D5654

Tritanomaly
355C5D

Monochromacy



Original Color
325D53

Achromatopsia
4F4F4F

Achromatomaly
445450

CSS Examples

Text

The CSS property to change the color of the text to Hex 325D53 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 #325D53 looks like.

```
.text, #text, p{  
    color:#325D53  
}
```

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 #325D53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #325D53
}
```

Border

The CSS property to change the border of an element to Hex 325D53 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
#325D53 }
```

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

```
.border{ border-color:#325D53 }
```

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

Here you see how a box with a 4 pixel #325D53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #325D53; -webkit-box-shadow:4px 4px  
4px 4px #325D53; box-shadow:4px 4px 4px  
4px #325D53 }
```

Background

The CSS property to change the background color of an element to Hex 325D53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#325D53 }
```

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

```
.background{ background-color:#325D53 }
```

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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