

Converting Colors

Hex(335D5B)

Have a look what the booklet for
Hex(335D5B) contains.

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Color

Hex(335D5B)

Conversions

Conversions Part 1

Format	Color
Hex	335D5B
RGB	51, 93, 91
RGB Percent	20%, 36%, 36%
CMY	0.8000, 0.6353, 0.6431
CMYK	0.45, 0.00, 0.02, 0.64
HSL	177°, 29%, 28%
HSV	177°, 45%, 36%
XYZ	7.1679, 9.2878, 11.3125
YIQ	80.2140, -24.3900, -9.5260

Conversions

Conversions Part 2

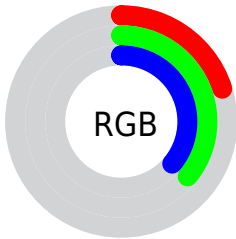
Format	Color
RYB	51, 73, 93
Decimal	3366235
CIELab	36.53, -15.19, -3.45
CIELCh	37, 15.575, 192.792
Yxy	9.2878, 0.2581, 0.3345
Android (android.graphics.Color)	4281556315 (0xFF335D5B)
YUV	80.2140, 5.3175, -25.6207
Hunter-Lab	30.4760, -11.3499, -0.6749

Details

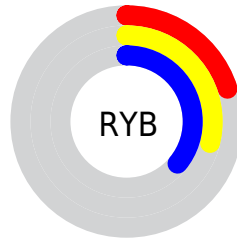
The Hex color **335D5B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5D3335**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **648F8D**, and **002F2D** is the 20% darker color. If you saturate the color by 10%, you get **2A5D5B**, and if you desaturate by 10%, it is **3C5D5B**.

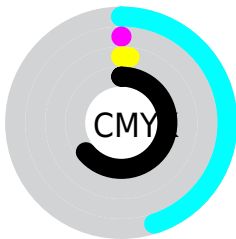
Distribution



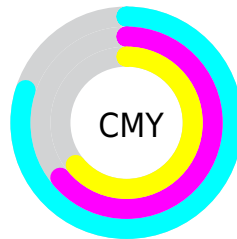
- Red (20%)
- Green (36%)
- Blue (36%)



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



- Cyan (45%)
- Magenta (0%)
- Yellow (2%)
- Black (64%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 335D5B 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 335D5B by changing the saturation by 10% instead.



335D5B



335D5B

FFFFFF



1B4544



648F8D



002F2D



7EAAA7



001B19



99C5C3



000000



B4E1DF



D0FEFB



ECFFFF



335D5B



335D5B



2A5D5B



3C5D5B

■ 205D5A

■ 465D5C

■ 175D5A

■ 4F5D5C

■ 0E5D59

■ 585D5D

■ 055D59

■ 625D5D

■ 005D59

■ 6B5D5E

■ 745D5E

■ 7D5D5F

■ 875D5F

Harmonies

Analogous

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



3E5C4E



335D5B



325C66

Triad

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



335D5B



5F5168



66533E

Complementary

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



335D5B



5D3335

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.



6D4F46



335D5B



6A4E5E

Square

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



335D5B



4E556E



6F4D51



5A573D

Rectangle

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



335D5B



385A6C



6F4D51



695140

Sweetspot

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



335D5B



677877



355D33



333D3D



BDBDBD



3D3D3D

Same Dimension

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



335D5B



377875



334A5D



292E2E



006E68



00EDE2

Inverse Universe

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



5D3335



78373A



5D4633



2E292A



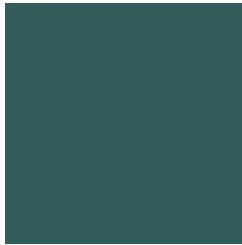
6E0005



ED000B

Previews

White Background



This preview shows how the Hex color 335D5B looks on a white background.

Color Contrast Check

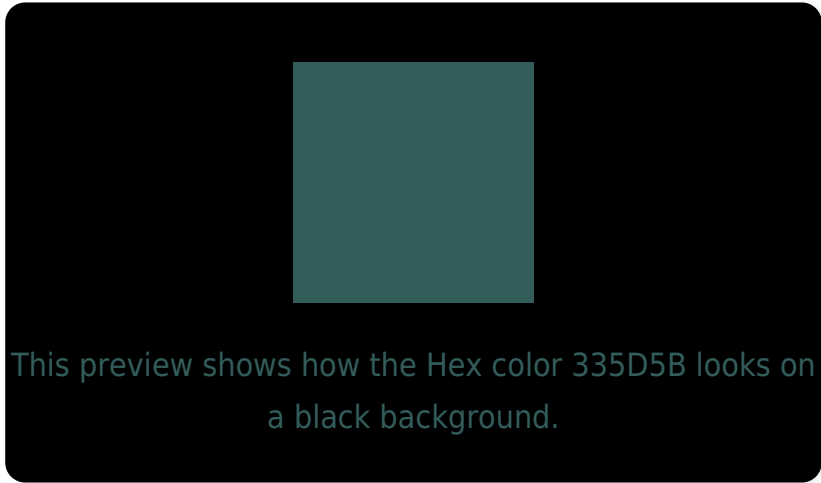
Large Text (above 18pt) WCAG AA ✓ Pass

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

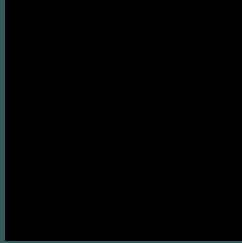
Any Text WCAG AA × Fail

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 335D5B Background



This preview shows how black text looks on a background with the Hex color 335D5B.

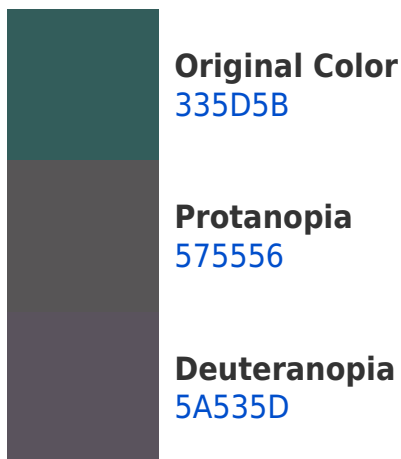



This preview shows how white text looks on a background with the Hex color 335D5B.

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](#).

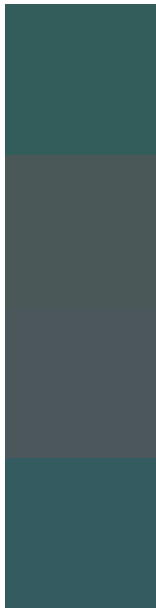
Dichromacy





Tritanopia
355C63

Trichromacy



Original Color
335D5B

Protanomaly
4A5858

Deuteranomaly
4C575C

Tritanomaly
345C60

Monochromacy



Original Color
335D5B

Achromatopsia
505050

Achromatomaly
455554

CSS Examples

Text

The CSS property to change the color of the text to Hex 335D5B 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 #335D5B looks like.

```
.text, #text, p{  
    color:#335D5B  
}
```

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 #335D5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335D5B
}
```

Border

The CSS property to change the border of an element to Hex 335D5B 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
#335D5B }
```

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

```
.border{ border-color:#335D5B }
```

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

Here you see how a box with a 4 pixel #335D5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335D5B; -webkit-box-shadow:4px 4px  
4px 4px #335D5B; box-shadow:4px 4px 4px  
4px #335D5B }
```

Background

The CSS property to change the background color of an element to Hex 335D5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335D5B }
```

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

```
.background{ background-color:#335D5B }
```

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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