

Converting Colors

Hex(335050)

Have a look what the booklet for
Hex(335050) contains.

Hex(335050)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(335050)

Conversions

Conversions Part 1

Format	Color
Hex	335050
RGB	51, 80, 80
RGB Percent	20%, 31%, 31%
CMY	0.8000, 0.6863, 0.6863
CMYK	0.36, 0.00, 0.00, 0.69
HSL	180°, 22%, 26%
HSV	180°, 36%, 31%
XYZ	5.6819, 7.0203, 8.6450
YIQ	71.3290, -17.2840, -6.1480

Conversions

Conversions Part 2

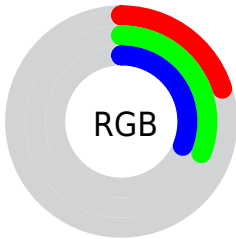
Format	Color
R_{YB}	51, 66, 80
Decimal	3362896
CIE _{Lab}	31.85, -10.76, -3.46
CIE _{LCh}	32, 11.301, 197.802
Yxy	7.0203, 0.2662, 0.3289
Android (android.graphics.Color)	4281552976 (0xFF335050)
YUV	71.3290, 4.2748, -17.8285
Hunter-Lab	26.4959, -8.0896, -0.7979

Details

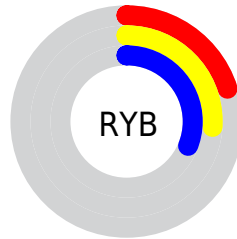
The Hex color **335050** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **503333**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **638181**, and **052324** is the 20% darker color. If you saturate the color by 10%, you get **2B5050**, and if you desaturate by 10%, it is **3B5050**.

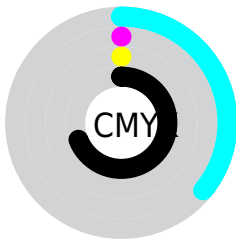
Distribution



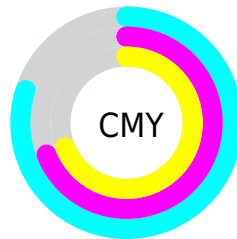
- Red (20%)
- Green (31%)
- Blue (31%)



- Red (20%)
- Yellow (26%)
- Blue (31%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (69%)



- Cyan (80%)
- Magenta (69%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 335050 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 335050 by changing the saturation by 10% instead.

■ 335050

■ 335050

FFFFFF

■ 1C3939

■ 638181

■ 052324

■ 7C9B9B

■ 000D0E

■ 96B6B6

■ 000000

■ B1D2D2

■ CDEEEE

■ E9FFFF

■ 335050

■ 335050

■ 2B5050

■ 3B5050

■ 235050

■ 435050

■ 1B5050

■ 4B5050

■ 135050

■ 535050

■ 0B5050

■ 5B5050

■ 035050

■ 635050

■ 005050

■ 6B5050

■ 735050

■ 7B5050

Harmonies

Analogous

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



395047



335050



344F58

Triad

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



335050



534757



55493A

Complementary

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



335050



503333

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.



5B463E



335050



5B454F

Square

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



335050



484A5C



5D4546



4C4C3A

Rectangle

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



335050



394E5B



5D4546



58483B

Sweetspot

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



335050



5D6969



335033



2F3636



B5B5B5



363636

Same Dimension

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



335050



3B6969



334250



252929



006969



00E8E8

Inverse Universe

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



503350



693B69



504233



292529



690069



E800E8

Previews

White Background



This preview shows how the Hex color 335050 looks on a white background.

Color Contrast Check

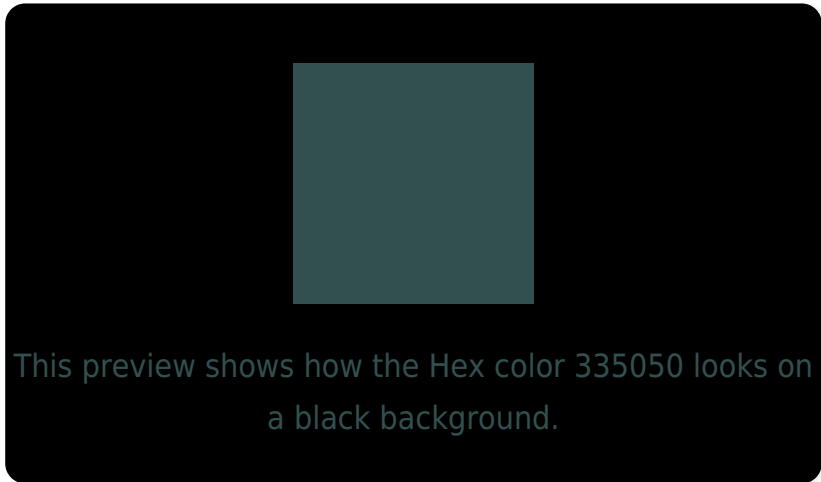
Large Text (above 18pt) WCAG AA ✓ Pass

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

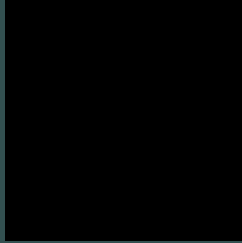
Any Text WCAG AA × Fail

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 335050 Background



This preview shows how black text looks on a background with the Hex color 335050.



This preview shows how white text looks on a background with the Hex color 335050.

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](#).

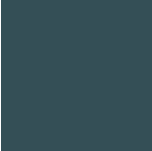
Dichromacy



Original Color
335050

Protanopia
4B4A4D

Deuteranopia
4F4952



Tritanopia
344F56

Trichromacy



Original Color
335050

Protanomaly
424C4E

Deuteranomaly
454C51

Tritanomaly
344F54

Monochromacy



Original Color
335050

Achromatopsia
474747

Achromatomaly
404A4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 335050 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 #335050 looks like.

```
.text, #text, p{  
    color:#335050  
}
```

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 #335050 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #335050
}
```

Border

The CSS property to change the border of an element to Hex 335050 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
#335050 }
```

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

```
.border{ border-color:#335050 }
```

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

Here you see how a box with a 4 pixel #335050 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #335050; -webkit-box-shadow:4px 4px  
4px 4px #335050; box-shadow:4px 4px 4px  
4px #335050 }
```

Background

The CSS property to change the background color of an element to Hex 335050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#335050 }
```

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

```
.background{ background-color:#335050 }
```

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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