

# Converting Colors

Hex(355352)

Have a look what the booklet for  
Hex(355352) contains.

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# Color

**Hex(355352)**

# Conversions

## Conversions Part 1

Format	Color
Hex	355352
RGB	53, 83, 82
RGB Percent	21%, 33%, 32%
CMY	0.7922, 0.6745, 0.6784
CMYK	0.36, 0.00, 0.01, 0.67
HSL	178°, 22%, 27%
HSV	178°, 36%, 33%
XYZ	6.0844, 7.5526, 9.1198
YIQ	73.9160, -17.5590, -6.6710

# Conversions

## Conversions Part 2

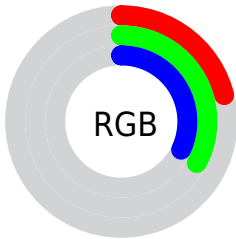
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 68, 83
Decimal	3494738
CIE <sub>Lab</sub>	33.03, -11.33, -2.97
CIE <sub>LCh</sub>	33, 11.716, 194.665
Yxy	7.5526, 0.2674, 0.3319
Android (android.graphics.Color)	4281684818 (0xFF355352)
YUV	73.9160, 3.9854, -18.3433
Hunter-Lab	27.4820, -8.5740, -0.4377

# Details

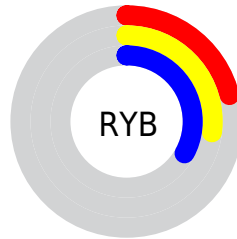
The Hex color **355352** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **533536**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **658583**, and **072625** is the 20% darker color. If you saturate the color by 10%, you get **2D5352**, and if you desaturate by 10%, it is **3D5352**.

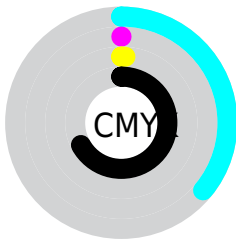
# Distribution



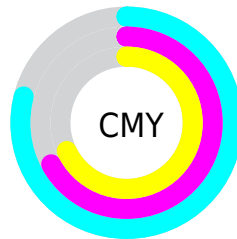
- Red (21%)
- Green (33%)
- Blue (32%)



- Red (21%)
- Yellow (27%)
- Blue (33%)



- Cyan (36%)
- Magenta (0%)
- Yellow (1%)
- Black (67%)



- Cyan (79%)
- Magenta (67%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 355352 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 355352 by changing the saturation by 10% instead.





355352



355352

FFFFFF



1E3C3B



658583



072625



7F9F9D



001211



99BAB8



000000



B4D5D4



D0F2F0



ECFFFF



355352



355352



2D5352



3D5352

■ 245351

■ 465353

■ 1C5351

■ 4E5353

■ 145351

■ 565353

■ 0B5351

■ 5E5353

■ 035350

■ 675354

■ 005350

■ 6F5354

■ 775354

■ 805354

# Harmonies

## Analogous

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



3C5348



355352



35525A

# Triad

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



355352



554A5B



594B3C

# Complementary

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



355352



533536

# 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.



5F4941



355352



5D4853

# Square

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



355352



494D5F



614749



504F3C

# Rectangle

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



355352



3A515E



614749



5C4A3D



# Sweetspot

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



355352



5F6B6B



365335



2F3635



B5B5B5



363636



# Same Dimension

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



355352



3D6B6A



354553



252929



006965



00E8E0



# Inverse Universe

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



533536



6B3D3F



534335



292525



690003



E80008



# Previews

## White Background



This preview shows how the Hex color 355352 looks on a white background.

## Color Contrast Check

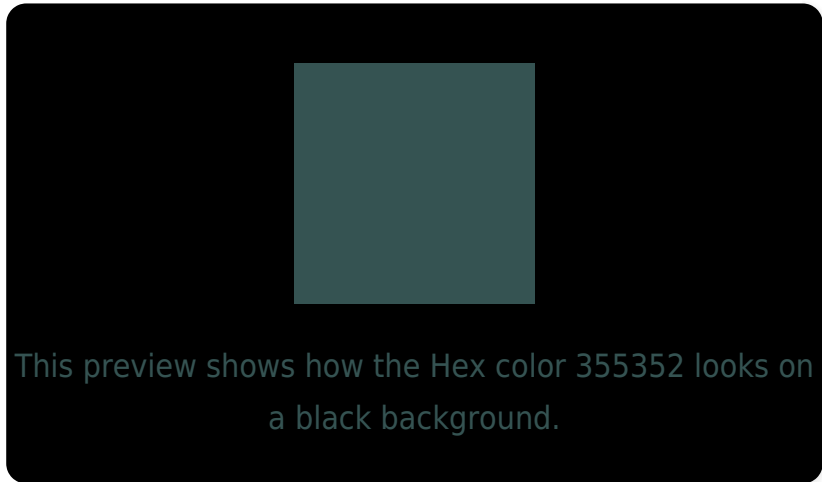
Large Text (above 18pt) WCAG AA ✓ Pass

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

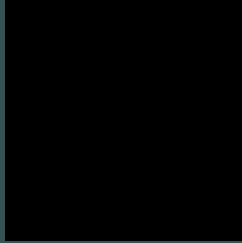
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

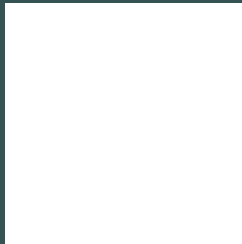
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 355352 Background



This preview shows how black text looks on a background with the Hex color 355352.



This preview shows how white text looks on a background with the Hex color 355352.

# 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**  
355352

**Protanopia**  
4E4D4E

**Deuteranopia**  
524B54



**Tritanopia**  
375259

# Trichromacy



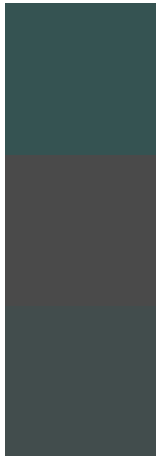
**Original Color**  
355352

**Protanomaly**  
454F4F

**Deuteranomaly**  
474E53

**Tritanomaly**  
365256

# Monochromacy



**Original Color**  
355352

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
424D4D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 355352 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 #355352 looks like.

```
.text, #text, p{  
    color:#355352  
}
```

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 #355352 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #355352
}
```

## Border

The CSS property to change the border of an element to Hex 355352 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
#355352 }
```

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

```
.border{ border-color:#355352 }
```

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

Here you see how a box with a 4 pixel #355352 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #355352; -webkit-box-shadow:4px 4px  
4px 4px #355352; box-shadow:4px 4px 4px  
4px #355352 }
```

# Background

The CSS property to change the background color of an element to Hex 355352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#355352 }
```

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

```
.background{ background-color:#355352 }
```

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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