

Converting Colors

Hex(355055)

Have a look what the booklet for
Hex(355055) contains.

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Color

Hex(355055)

Conversions

Conversions Part 1

Format	Color
Hex	355055
RGB	53, 80, 85
RGB Percent	21%, 31%, 33%
CMY	0.7922, 0.6863, 0.6667
CMYK	0.38, 0.06, 0.00, 0.67
HSL	189°, 23%, 27%
HSV	189°, 38%, 33%
XYZ	5.9766, 7.1501, 9.6594
YIQ	72.4970, -17.6970, -4.1690

Conversions

Conversions Part 2

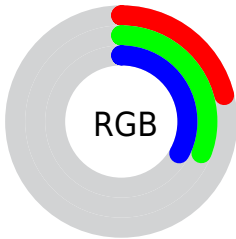
Format	Color
RYB	53, 68, 85
Decimal	3493973
CIELab	32.15, -8.70, -6.19
CIElCh	32, 10.677, 215.425
Yxy	7.1501, 0.2623, 0.3138
Android (android.graphics.Color)	4281684053 (0xFF355055)
YUV	72.4970, 6.1640, -17.0989
Hunter-Lab	26.7396, -6.8980, -2.7002

Details

The Hex color **355055** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **553A35**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **658187**, and **072328** is the 20% darker color. If you saturate the color by 10%, you get **2D4F55**, and if you desaturate by 10%, it is **3D5155**.

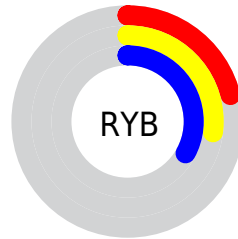
Distribution



Red (21%)

Green (31%)

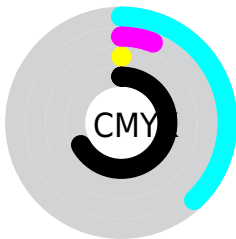
Blue (33%)



Red (21%)

Yellow (27%)

Blue (33%)

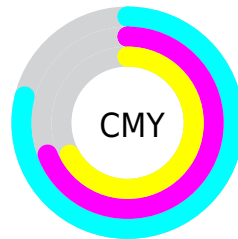


Cyan (38%)

Magenta (6%)

Yellow (0%)

Black (67%)



Cyan (79%)

Magenta (69%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 355055 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 355055 by changing the saturation by 10% instead.

■ 355055

■ 355055

FFFFFF

■ 1E393E

■ 658187

■ 072328

■ 7F9BA1

■ 000F14

■ 99B6BC

■ 000000

■ B4D2D7

■ D0EEF4

■ ECFFFF

■ 355055

■ 355055

■ 2D4F55

■ 3D5155

■ 244D55

■ 465355

■ 1C4C55

■ 4E5455

■ 134B55

■ 575555

■ 0A4955

■ 5F5755

■ 024855

■ 685855

■ 004855

■ 715955

■ 795B55

■ 815C55

Harmonies

Analogous

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



37504D



355055



3A4E5B

Triad

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



355055



584753



514C3B

Complementary

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



355055



553A35

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.



58493D



355055



5D464A

Square

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



355055



4F4959



5D4742



474E3E

Rectangle

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



355055



404D5C



5D4742



534B3B

Sweetspot

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



355055



626C6E



35553A



313738



B8B8B8



383838

Same Dimension

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



355055



3C666E



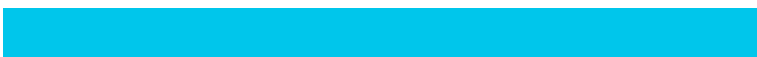
354055



272B2B



005A6B



00C6EB

Inverse Universe

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



553550



6E3C66



554A35



2B272B



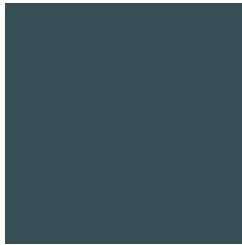
6B005A



EB00C6

Previews

White Background



This preview shows how the Hex color 355055 looks on a white background.

Color Contrast Check

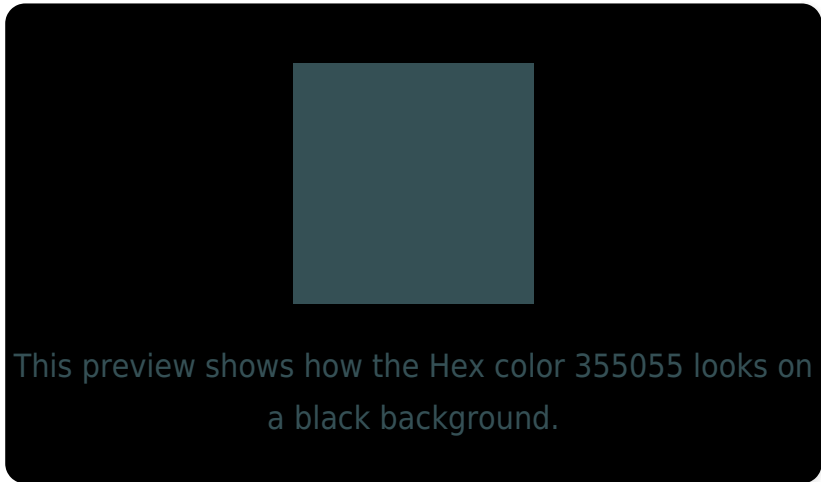
Large Text (above 18pt) WCAG AA ✓ Pass

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

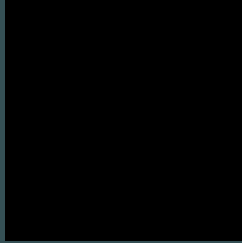
Any Text WCAG AA × Fail

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 355055 Background



This preview shows how black text looks on a background with the Hex color 355055.



This preview shows how white text looks on a background with the Hex color 355055.

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](#).

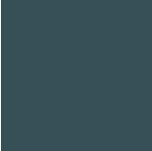
Dichromacy



Original Color
355055

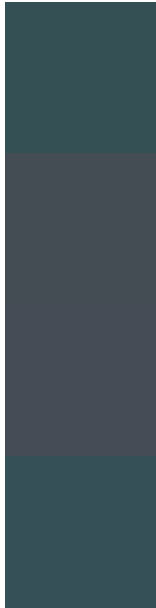
Protanopia
4B4B52

Deuteranopia
4E4956



Tritanopia
355056

Trichromacy



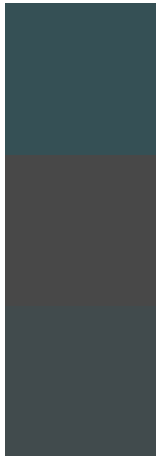
Original Color
355055

Protanomaly
434D53

Deuteranomaly
454C56

Tritanomaly
355056

Monochromacy



Original Color
355055

Achromatopsia
484848

Achromatomaly
414B4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 355055 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 #355055 looks like.

```
.text, #text, p{  
    color:#355055  
}
```

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 #355055 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #355055
}
```

Border

The CSS property to change the border of an element to Hex 355055 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
#355055 }
```

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

```
.border{ border-color:#355055 }
```

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

Here you see how a box with a 4 pixel #355055 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #355055; -webkit-box-shadow:4px 4px  
4px 4px #355055; box-shadow:4px 4px 4px  
4px #355055 }
```

Background

The CSS property to change the background color of an element to Hex 355055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#355055 }
```

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

```
.background{ background-color:#355055 }
```

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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