

Converting Colors

Hex(355953)

Have a look what the booklet for
Hex(355953) contains.

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Color

Hex(355953)

Conversions

Conversions Part 1

Format	Color
Hex	355953
RGB	53, 89, 83
RGB Percent	21%, 35%, 33%
CMY	0.7922, 0.6510, 0.6745
CMYK	0.40, 0.00, 0.07, 0.65
HSL	170°, 25%, 28%
HSV	170°, 40%, 35%
XYZ	6.6019, 8.5262, 9.4814
YIQ	77.5520, -19.5300, -9.4980

Conversions

Conversions Part 2

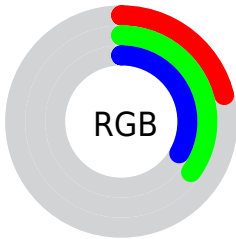
Format	Color
RYB	53, 73, 89
Decimal	3496275
CIELab	35.06, -14.53, -0.62
CIELCh	35, 14.548, 182.446
Yxy	8.5262, 0.2683, 0.3465
Android (android.graphics.Color)	4281686355 (0xFF355953)
YUV	77.5520, 2.6859, -21.5321
Hunter-Lab	29.1996, -10.7412, 1.1877




Details

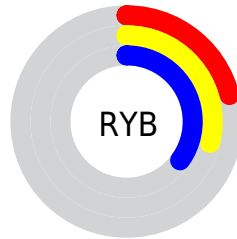
The Hex color **355953** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **59353B**, and the grayscale version is **4E4E4E**.




A 20% lighter version of the original color is **668B84**, and **052B26** is the 20% darker color. If you saturate the color by 10%, you get **2C5952**, and if you desaturate by 10%, it is **3E5954**.

Distribution







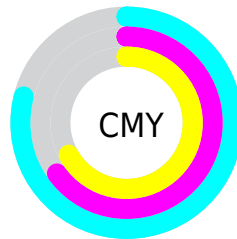
-  Red (21%)
-  Green (35%)
-  Blue (33%)






-  Red (21%)
-  Yellow (29%)
-  Blue (35%)



-  Cyan (40%)
-  Magenta (0%)
-  Yellow (7%)
-  Black (65%)



-  Cyan (79%)
-  Magenta (65%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 355953 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 355953 by changing the saturation by 10% instead.

■ 355953

■ 355953

FFFFFF

■ 1E413C

■ 668B84

■ 052B26

■ 7FA69E

■ 001812

■ 9AC1B9

■ 000000

■ B5DDD5

■ D0F9F1

■ EDFFFF

■ 355953

■ 355953

■ 2C5952

■ 3E5954

■ 235950

■ 475956

■ 1A594F

■ 505957

■ 11594D

■ 595959

■ 09594C

■ 62595A

■ 00594A

■ 6A595C

■ 73595D

■ 7C595F

■ 855960

Harmonies

Analogous

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



405847



355953



31595E

Triad

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



355953



564F66



644E3E

Complementary

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



355953



59353B

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.



6A4B47



355953



624C5D

Square

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



355953



465369



694A52



5A523B

Rectangle

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



355953



345764



694A52



664D41

Sweetspot

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



355953



657370



3B5935



323B39



BABABA



3B3B3B

Same Dimension

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



355953



3B7369



354D59



272B2B



006B59



00EBC3

Inverse Universe

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



59353B



733B44



594135



2B2728



6B0012



EB0027

Previews

White Background



This preview shows how the Hex color 355953 looks on a white background.

Color Contrast Check

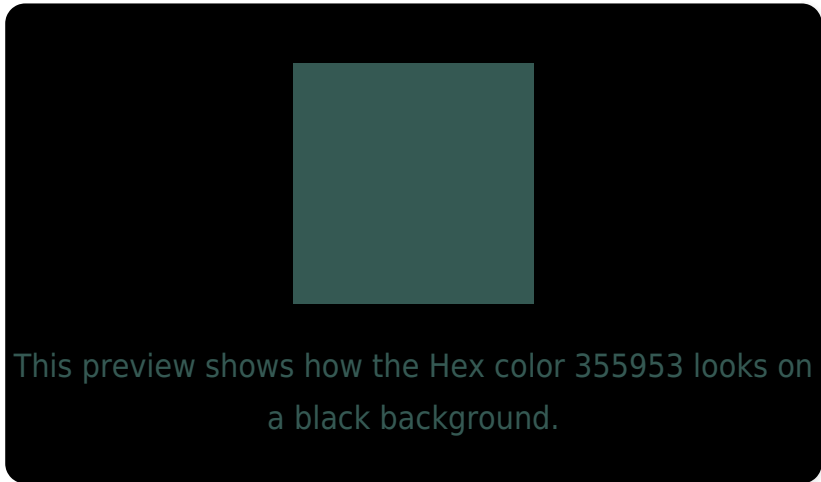
Large Text (above 18pt) WCAG AA ✓ Pass

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

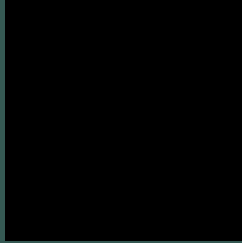
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

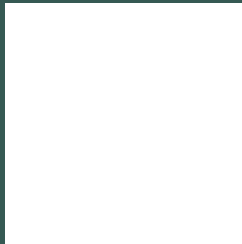
Any Text WCAG AAA × Fail

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

Hex 355953 Background



This preview shows how black text looks on a background with the Hex color 355953.

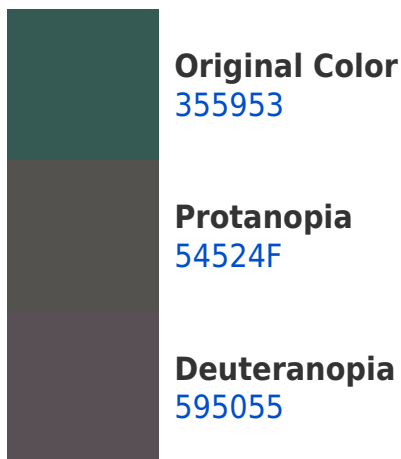


This preview shows how white text looks on a background with the Hex color 355953.

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
38575E

Trichromacy



Original Color

355953

Protanomaly

495550

Deuteranomaly

4C5354

Tritanomaly

37585A

Monochromacy



Original Color

355953

Achromatopsia

4E4E4E

Achromatomaly

455250

CSS Examples

Text

The CSS property to change the color of the text to Hex 355953 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 #355953 looks like.

```
.text, #text, p{  
    color:#355953  
}
```

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 #355953 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #355953
}
```

Border

The CSS property to change the border of an element to Hex 355953 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
#355953 }
```

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

```
.border{ border-color:#355953 }
```

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

Here you see how a box with a 4 pixel #355953 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #355953; -webkit-box-shadow:4px 4px  
4px 4px #355953; box-shadow:4px 4px 4px  
4px #355953 }
```

Background

The CSS property to change the background color of an element to Hex 355953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#355953 }
```

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

```
.background{ background-color:#355953 }
```

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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