

Converting Colors

Hex(354642)

Have a look what the booklet for
Hex(354642) contains.

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Color

Hex(354642)

Conversions

Conversions Part 1

Format	Color
Hex	354642
RGB	53, 70, 66
RGB Percent	21%, 27%, 26%
CMY	0.7922, 0.7255, 0.7412
CMYK	0.24, 0.00, 0.06, 0.73
HSL	166°, 14%, 24%
HSV	166°, 24%, 27%
XYZ	4.6417, 5.5305, 5.9771
YIQ	64.4610, -8.8480, -4.8480

Conversions

Conversions Part 2

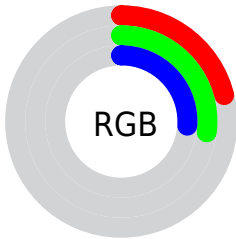
Format	Color
R_{YB}	53, 63, 70
Decimal	3491394
CIE Lab	28.20, -7.74, 0.19
CIE LCh	28, 7.740, 178.600
Yxy	5.5305, 0.2874, 0.3425
Android (android.graphics.Color)	4281681474 (0xFF354642)
YUV	64.4610, 0.7587, -10.0513
Hunter-Lab	23.5171, -5.9233, 1.3928

Details

The Hex color **354642** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **463539**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **647672**, and **0A1B17** is the 20% darker color. If you saturate the color by 10%, you get **2E4640**, and if you desaturate by 10%, it is **3C4644**.

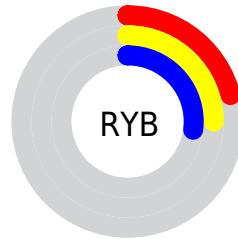
Distribution



Red (21%)

Green (27%)

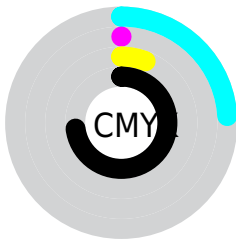
Blue (26%)



Red (21%)

Yellow (25%)

Blue (27%)

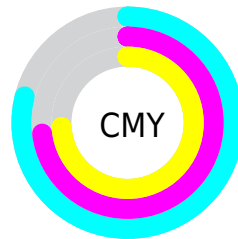


Cyan (24%)

Magenta (0%)

Yellow (6%)

Black (73%)



Cyan (79%)

Magenta (73%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 354642 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 354642 by changing the saturation by 10% instead.



354642



354642

FFFFFF



1F302C



647672



0A1B17



7D908B



000000



97AAA6



B2C6C1



CDE2DD



EAFEF9



354642



354642



2E4640



3C4644

■ 27463F

■ 434645

■ 20463D

■ 4A4647

■ 19463B

■ 514649

■ 12463A

■ 58464A

■ 0B4638

■ 5F464C

■ 044636

■ 66464E

■ 004636

■ 6D464F

■ 744651

Harmonies

Analogous

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



3A453C



354642



334648

Triad

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



354642



43414D



4D4039

Complementary

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



354642



463539

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.



4F3F3D



354642



4A3F49

Square

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



354642



3C434E



4E3E43



484237

Rectangle

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



354642



34454B



4E3E43



4E403A

Sweetspot

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



354642



555C5A



394635



2A2E2D



ADADAD



2E2E2E

Same Dimension

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



354642



415C56



354246



202423



00634C



00E3AE

Inverse Universe

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



463539



5C4147



463935



242021



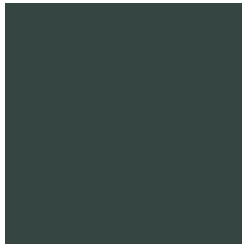
630017



E30035

Previews

White Background



This preview shows how the Hex color 354642 looks on a white background.

Color Contrast Check

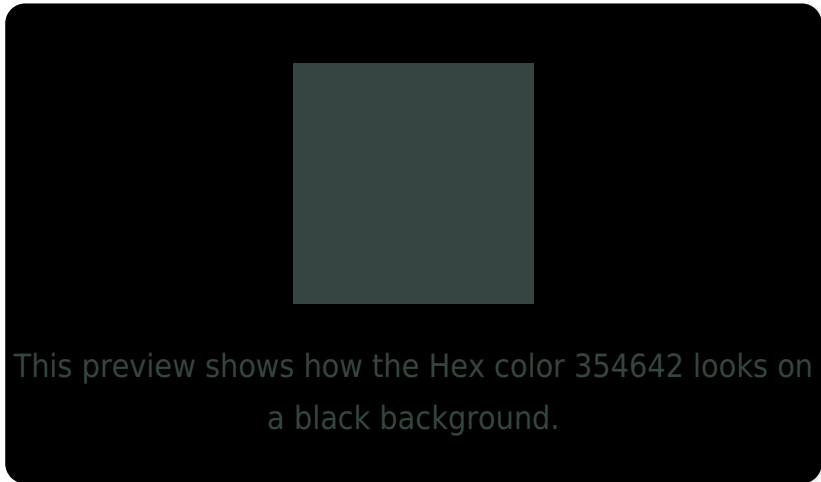
Large Text (above 18pt) WCAG AA ✓ Pass

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

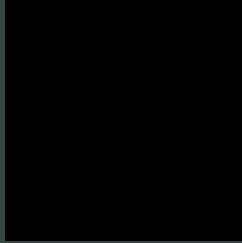
Any Text WCAG AA × Fail

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 354642 Background



This preview shows how black text looks on a background with the Hex color 354642.

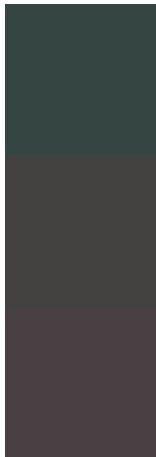


This preview shows how white text looks on a background with the Hex color 354642.

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](#).

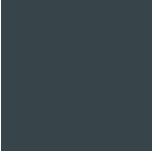
Dichromacy



Original Color
354642

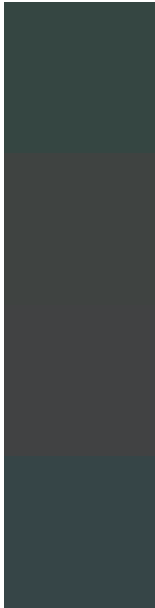
Protanopia
444240

Deuteranopia
484043



Tritanopia
37454A

Trichromacy



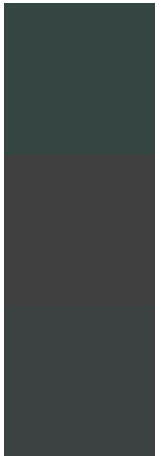
Original Color
354642

Protanomaly
3F4341

Deuteranomaly
414243

Tritanomaly
364547

Monochromacy



Original Color
354642

Achromatopsia
404040

Achromatomaly
3C4241

CSS Examples

Text

The CSS property to change the color of the text to Hex 354642 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 #354642 looks like.

```
.text, #text, p{  
  color:#354642  
}
```

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 #354642 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #354642
}
```

Border

The CSS property to change the border of an element to Hex 354642 is called "border". The border property can be set on classes, ids or directly on the HTML element.

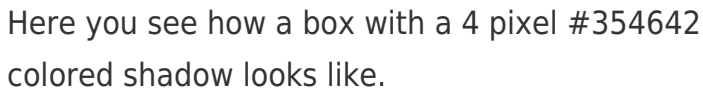
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#354642 }
```

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

```
.border{ border-color:#354642 }
```

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



Here you see how a box with a 4 pixel #354642 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #354642; -webkit-box-shadow:4px 4px  
4px 4px #354642; box-shadow:4px 4px 4px  
4px #354642 }
```

Background

The CSS property to change the background color of an element to Hex 354642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#354642 }
```

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

```
.background{ background-color:#354642 }
```

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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