

Converting Colors

Hex(354842)

Have a look what the booklet for
Hex(354842) contains.

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Color

Hex(354842)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 354842 |
| RGB | 53, 72, 66 |
| RGB Percent | 21%, 28%, 26% |
| CMY | 0.7922, 0.7176, 0.7412 |
| CMYK | 0.26, 0.00, 0.08, 0.72 |
| HSL | 161°, 15%, 25% |
| HSV | 161°, 26%, 28% |
| XYZ | 4.7689, 5.7850, 6.0195 |
| YIQ | 65.6350, -9.3980, -5.8940 |

Conversions

Conversions Part 2

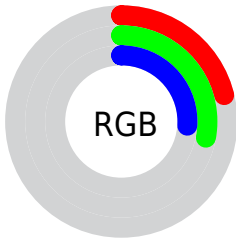
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 53, 64, 72 |
| Decimal | 3491906 |
| CIE _{Lab} | 28.86, -8.96, 1.16 |
| CIE _{LCh} | 29, 9.036, 172.620 |
| Yxy | 5.7850, 0.2877, 0.3491 |
| Android (android.graphics.Color) | 4281681986 (0xFF354842) |
| YUV | 65.6350, 0.1799, -11.0809 |
| Hunter-Lab | 24.0519, -6.6986, 1.9978 |

Details

The Hex color **354842** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48353B**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **647972**, and **0A1D17** is the 20% darker color. If you saturate the color by 10%, you get **2E4840**, and if you desaturate by 10%, it is **3C4844**.

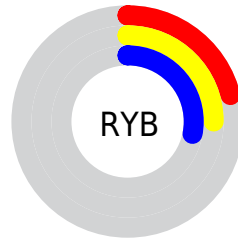
Distribution



Red (21%)

Green (28%)

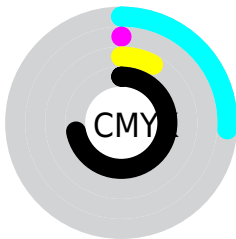
Blue (26%)



Red (21%)

Yellow (25%)

Blue (28%)

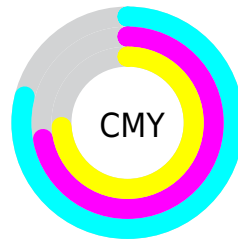


Cyan (26%)

Magenta (0%)

Yellow (8%)

Black (72%)



Cyan (79%)

Magenta (72%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 354842 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 354842 by changing the saturation by 10% instead.



354842



354842

FFFFFF



1F312C



647972



0A1D17



7D928B



000000



97ADA6



B2C8C1



CDE4DD



EAFF9



354842



354842



2E4840



3C4844

■ 27483D

■ 434847

■ 1F483B

■ 4B4849

■ 184839

■ 52484B

■ 114837

■ 59484D

■ 0A4834

■ 604850

■ 034832

■ 674852

■ 004831

■ 6F4854

■ 764856

Harmonies

Analogous

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



3C473B



354842



324849

Triad

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



354842



434351



514139

Complementary

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



354842



48353B

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.



533F3F



354842



4B414D

Square

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



354842



3A4552



513F46



4B4336

Rectangle

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



354842



32474D



513F46



52403B

Sweetspot

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



354842



575E5C



3B4835



2C302F



B0B0B0



303030

Same Dimension

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



354842



405E55



354548



202423



006344



00E39B

Inverse Universe

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



48353B



5E404A



483835



242021



63001F



E30048

Previews

White Background



This preview shows how the Hex color 354842 looks on a white background.

Color Contrast Check

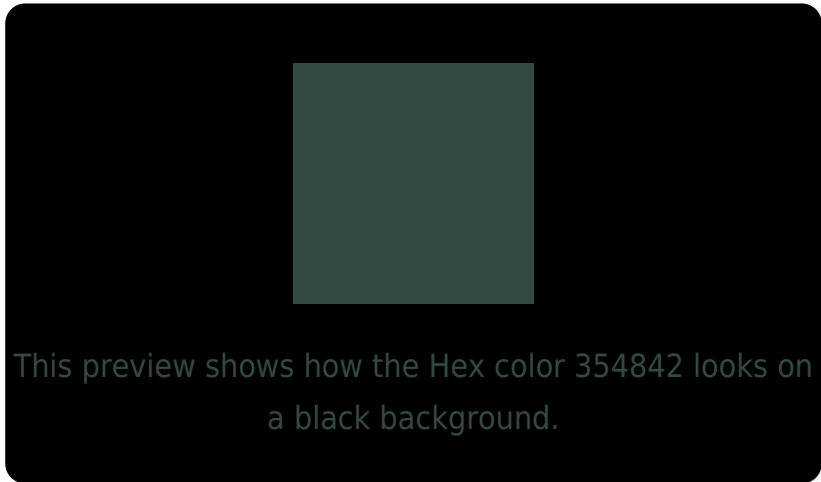
Large Text (above 18pt) WCAG AA ✓ Pass

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

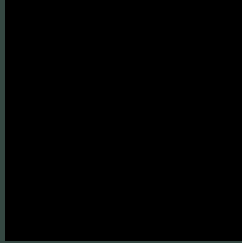
Any Text WCAG AA × Fail

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 354842 Background



This preview shows how black text looks on a background with the Hex color 354842.

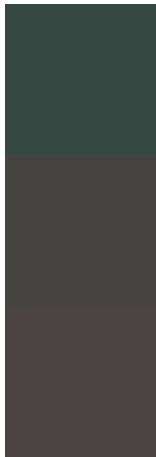


This preview shows how white text looks on a background with the Hex color 354842.

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
354842

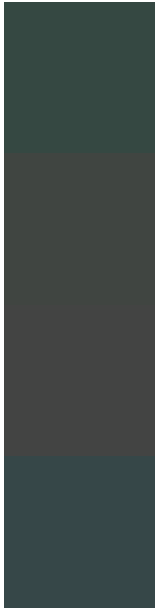
Protanopia
464440

Deuteranopia
4B4243



Tritanopia
37474C

Trichromacy



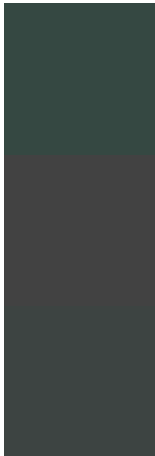
Original Color
354842

Protanomaly
404541

Deuteranomaly
434443

Tritanomaly
364748

Monochromacy



Original Color
354842

Achromatopsia
424242

Achromatomaly
3D4442

CSS Examples

Text

The CSS property to change the color of the text to Hex 354842 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 #354842 looks like.

```
.text, #text, p{  
    color:#354842  
}
```

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 #354842 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #354842
}
```

Border

The CSS property to change the border of an element to Hex 354842 is called "border". The border property can be set on classes, ids or directly on the HTML element.

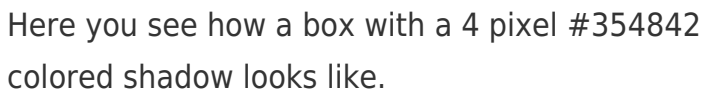
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#354842 }
```

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

```
.border{ border-color:#354842 }
```

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



Here you see how a box with a 4 pixel #354842 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #354842; -webkit-box-shadow:4px 4px  
4px 4px #354842; box-shadow:4px 4px 4px  
4px #354842 }
```

Background

The CSS property to change the background color of an element to Hex 354842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#354842 }
```

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

```
.background{ background-color:#354842 }
```

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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