

Converting Colors

Hex(354756)

Have a look what the booklet for
Hex(354756) contains.

Hex(354756)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(354756)

Conversions

Conversions Part 1

Format	Color
Hex	354756
RGB	53, 71, 86
RGB Percent	21%, 28%, 34%
CMY	0.7922, 0.7216, 0.6627
CMYK	0.38, 0.17, 0.00, 0.66
HSL	207°, 24%, 27%
HSV	207°, 38%, 34%
XYZ	5.4012, 5.9352, 9.6650
YIQ	67.3280, -15.5430, 0.8490

Conversions

Conversions Part 2

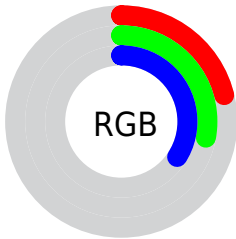
Format	Color
RYB	53, 65, 86
Decimal	3491670
CIELab	29.25, -2.81, -11.20
CIElCh	29, 11.548, 255.930
Yxy	5.9352, 0.2572, 0.2826
Android (android.graphics.Color)	4281681750 (0xFF354756)
YUV	67.3280, 9.2053, -12.5657
Hunter-Lab	24.3624, -3.0606, -6.4679

Details

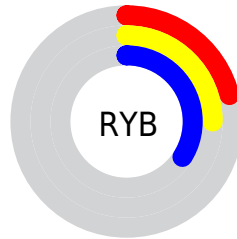
The Hex color **354756** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **564435**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **657788**, and **081C29** is the 20% darker color. If you saturate the color by 10%, you get **2C4356**, and if you desaturate by 10%, it is **3E4B56**.

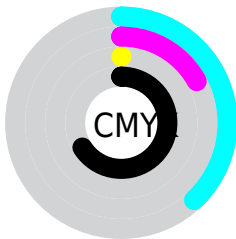
Distribution



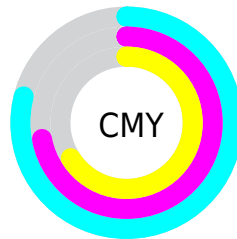
- Red (21%)
- Green (28%)
- Blue (34%)



- Red (21%)
- Yellow (25%)
- Blue (34%)



- Cyan (38%)
- Magenta (17%)
- Yellow (0%)
- Black (66%)



- Cyan (79%)
- Magenta (72%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 354756 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 354756 by changing the saturation by 10% instead.

■ 354756

■ 354756

FFFFFF

■ 1E313F

■ 657788

■ 081C29

■ 7E91A2

■ 000115

■ 98ABBD

■ 000000

■ B3C7D9

■ CFE3F5

■ EBFFFF

■ 354756

■ 354756

■ 2C4356

■ 3E4B56

■ 243F56

■ 464F56

■ 1B3B56

■ 4F5356

■ 133756

■ 575756

■ 0A3356

■ 605B56

■ 013056

■ 695E56

■ 002F56

■ 716256

■ 7A6656

■ 826A56

Harmonies

Analogous

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



2D4951



354756



414456

Triad

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



354756



573F40



3D4838

Complementary

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



354756



564435

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.



474634



354756



564038

Square

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



354756



543F4A



504334



334A40

Rectangle

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



354756



494253



504334



404836

Sweetspot

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



354756



636A70



355644



303538



B8B8B8



383838

Same Dimension

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



354756



3D5970



353756



27292B



003A6B



0080EB

Inverse Universe

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



563547



703D59



565435



2B2729



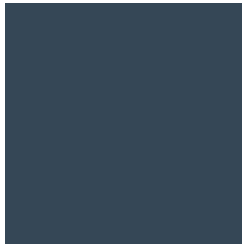
6B003A



EB0080

Previews

White Background



This preview shows how the Hex color 354756 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

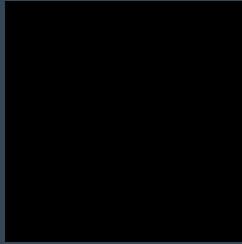
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

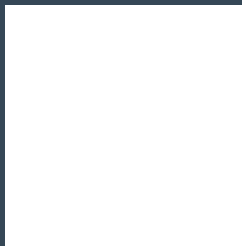
Any Text WCAG AAA × Fail

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

Hex 354756 Background



This preview shows how black text looks on a background with the Hex color 354756.

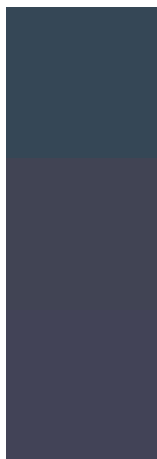


This preview shows how white text looks on a background with the Hex color 354756.

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
354756

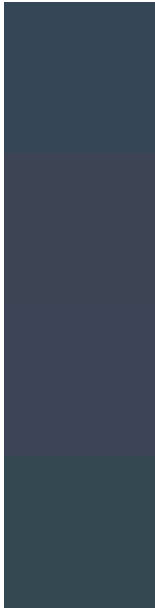
Protanopia
414454

Deuteranopia
424357



Tritanopia
33484E

Trichromacy



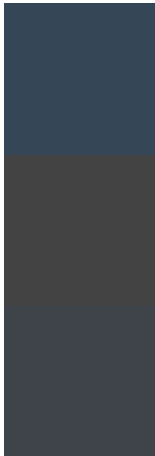
Original Color
354756

Protanomaly
3D4555

Deuteranomaly
3D4457

Tritanomaly
344851

Monochromacy



Original Color
354756

Achromatopsia
434343

Achromatomaly
3E444A

CSS Examples

Text

The CSS property to change the color of the text to Hex 354756 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 #354756 looks like.

```
.text, #text, p{  
    color:#354756  
}
```

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 #354756 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #354756
}
```

Border

The CSS property to change the border of an element to Hex 354756 is called "border". The border property can be set on classes, ids or directly on the HTML element.

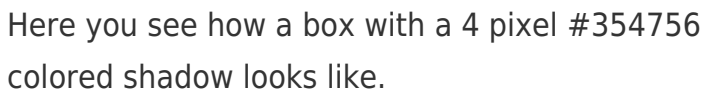
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#354756 }
```

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

```
.border{ border-color:#354756 }
```

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



Here you see how a box with a 4 pixel #354756 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #354756; -webkit-box-shadow:4px 4px  
4px 4px #354756; box-shadow:4px 4px 4px  
4px #354756 }
```

Background

The CSS property to change the background color of an element to Hex 354756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#354756 }
```

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

```
.background{ background-color:#354756 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor