

Converting Colors

Hex(354D36)

Have a look what the booklet for
Hex(354D36) contains.

Hex(354D36)	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(354D36)

Conversions

Conversions Part 1

Format	Color
Hex	354D36
RGB	53, 77, 54
RGB Percent	21%, 30%, 21%
CMY	0.7922, 0.6980, 0.7882
CMYK	0.31, 0.00, 0.30, 0.70
HSL	122°, 18%, 25%
HSV	122°, 31%, 30%
XYZ	4.7879, 6.3310, 4.4597
YIQ	67.2020, -6.9210, -12.2410

Conversions

Conversions Part 2

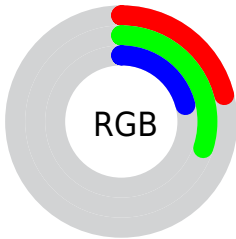
Format	Color
RYB	53, 76, 77
Decimal	3493174
CIELab	30.23, -14.62, 10.77
CIELCh	30, 18.158, 143.618
Yxy	6.3310, 0.3073, 0.4064
Android (android.graphics.Color)	4281683254 (0xFF354D36)
YUV	67.2020, -6.5086, -12.4552
Hunter-Lab	25.1614, -10.0660, 7.1043

Details

The Hex color **354D36** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4D354C**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **647E65**, and **0A210A** is the 20% darker color. If you saturate the color by 10%, you get **2D4D2F**, and if you desaturate by 10%, it is **3D4D3D**.

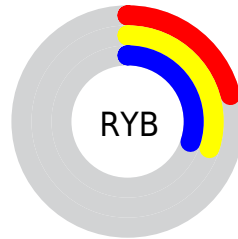
Distribution



 Red (21%)

 Green (30%)

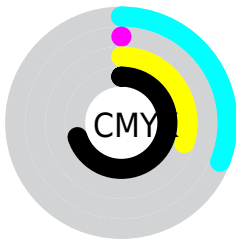
 Blue (21%)




 Red (21%)

 Yellow (30%)

 Blue (30%)

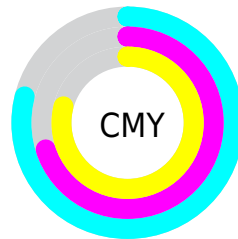



 Cyan (31%)


 Magenta (0%)

 Yellow (30%)

 Black (70%)



 Cyan (79%)

 Magenta (70%)

 Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 354D36 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 354D36 by changing the saturation by 10% instead.

 354D36

 354D36

FFFFFF

 1F3621

 647E65

 0A210A

 7E987E

 000200

 98B398

 000000

 B3CEB2

 CEEBCE

 EAFFEA

 354D36

 354D36

 2D4D2F

 3D4D3D

■ 264D27

■ 444D45

■ 1E4D20

■ 4C4D4C

■ 164D18

■ 544D54

■ 0F4D11

■ 5C4D5B

■ 074D0A

■ 634D62

■ 004D03

■ 6B4D6A

■ 734D71

■ 7A4D78

Harmonies

Analogous

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



454A2D



354D36



244F44

Triad

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



354D36



2F4963



633D3D

Complementary

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



354D36



4D354C

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.



613D4B



354D36



454561

Square

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



354D36



1B4D5D



564058



5E4031

Rectangle

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



354D36



1A4F4D



564058



633D41

Sweetspot

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



354D36



5A635B



4C4D35



2D332E



B3B3B3



333333

Same Dimension

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



354D36



3F6340



354D42



222623



006604



00E60A

Inverse Universe

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



4D354C



633F62



4D3540



262226



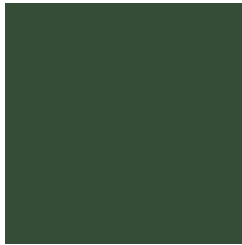
660062



E600DC

Previews

White Background



This preview shows how the Hex color 354D36 looks on a white background.

Color Contrast Check

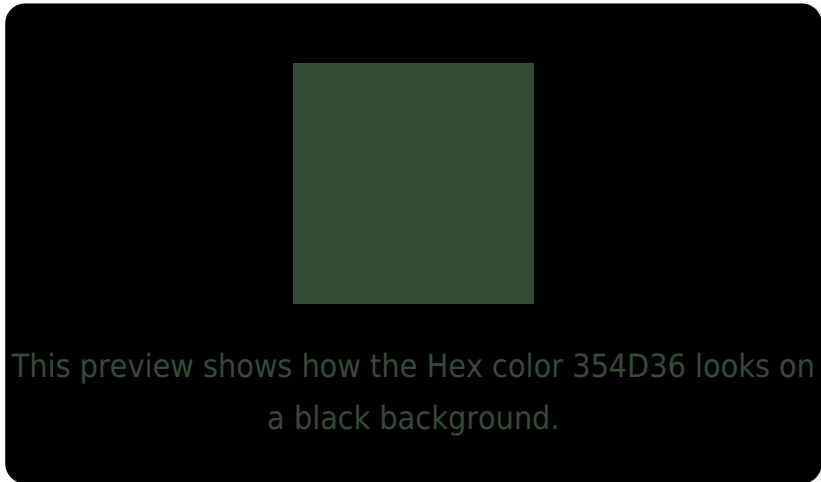
Large Text (above 18pt) WCAG AA ✓ Pass

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

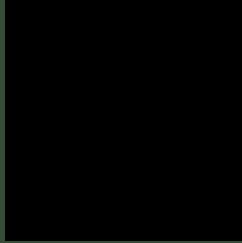
Any Text WCAG AA × Fail

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 354D36 Background



This preview shows how black text looks on a background with the Hex color 354D36.



This preview shows how white text looks on a background with the Hex color 354D36.

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](#).

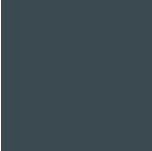
Dichromacy



Original Color
354D36

Protanopia
4C4733

Deuteranopia
534438



Tritanopia
3A4A50

Trichromacy



Original Color
354D36

Protanomaly
444934

Deuteranomaly
484737

Tritanomaly
384B47

Monochromacy



Original Color
354D36

Achromatopsia
434343

Achromatomaly
3E473E

CSS Examples

Text

The CSS property to change the color of the text to Hex 354D36 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 #354D36 looks like.

```
.text, #text, p{  
    color:#354D36  
}
```

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 #354D36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #354D36
}
```

Border

The CSS property to change the border of an element to Hex 354D36 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".

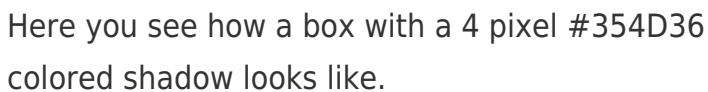
```
.border, #border, table{ border:4px solid
#354D36 }
```

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

```
.border{ border-color:#354D36 }
```

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

Here you see how a box with a 4 pixel #354D36 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #354D36; -webkit-box-shadow:4px 4px  
4px 4px #354D36; box-shadow:4px 4px 4px  
4px #354D36 }
```

Background

The CSS property to change the background color of an element to Hex 354D36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#354D36 }
```

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

```
.background{ background-color:#354D36 }
```

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