

Converting Colors

Hex(355D36)

Have a look what the booklet for
Hex(355D36) contains.

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Color

Hex(355D36)

Conversions

Conversions Part 1

Format	Color
Hex	355D36
RGB	53, 93, 54
RGB Percent	21%, 36%, 21%
CMY	0.7922, 0.6353, 0.7882
CMYK	0.43, 0.00, 0.42, 0.64
HSL	122°, 27%, 29%
HSV	122°, 43%, 36%
XYZ	6.0484, 8.8519, 4.8798
YIQ	76.5940, -11.3210, -20.6090

Conversions

Conversions Part 2

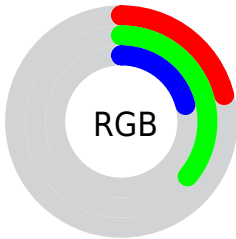
Format	Color
RYB	53, 92, 93
Decimal	3497270
CIELab	35.70, -23.21, 18.09
CIElCh	36, 29.432, 142.069
Yxy	8.8519, 0.3058, 0.4475
Android (android.graphics.Color)	4281687350 (0xFF355D36)
YUV	76.5940, -11.1388, -20.6919
Hunter-Lab	29.7522, -15.7786, 11.1020




Details

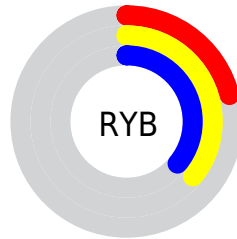
The Hex color **355D36** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5D355C**, and the grayscale version is **4D4D4D**.




A 20% lighter version of the original color is **669065**, and **052E0A** is the 20% darker color. If you saturate the color by 10%, you get **2C5D2D**, and if you desaturate by 10%, it is **3E5D3F**.

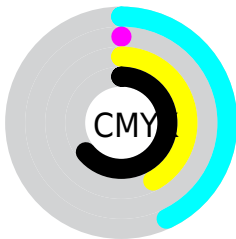
Distribution







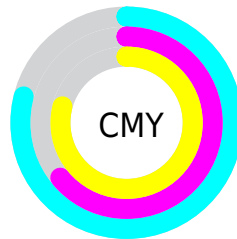
-  Red (21%)
-  Green (36%)
-  Blue (21%)






-  Red (21%)
-  Yellow (36%)
-  Blue (36%)



-  Cyan (43%)
-  Magenta (0%)
-  Yellow (42%)
-  Black (64%)



-  Cyan (79%)
-  Magenta (64%)
-  Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 355D36 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 355D36 by changing the saturation by 10% instead.



355D36



355D36

FFFFFF



1D4520



669065



052E0A



80AA7E



001C00



9AC698



000000



B5E2B3



D1FFCF



EEFFEB



355D36



355D36



2C5D2D



3E5D3F

 225D24

 485D48

 195D1B

 515D51

 105D12

 5A5D5A

 075D09

 635D63

 005D02

 6D5D6C

 765D75

 7F5D7F

 895D88

Harmonies

Analogous

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



515827



355D36



04604D

Triad

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



355D36



195882



804144

Complementary

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



355D36



5D355C

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.



7C415B



355D36



4C5080

Square

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



355D36



005E79



6B4771



784830

Rectangle

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



355D36



00605D



6B4771



80404B

Sweetspot

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



355D36



687869



5C5D35



333D34



BDBDBD



3D3D3D

Same Dimension

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



355D36



3A783B



355D4A



292E29



006E03



00ED06

Inverse Universe

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



5D355C



783A76



5D3548



2E292E



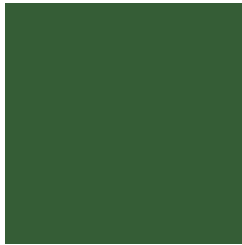
6E006B



ED00E7

Previews

White Background



This preview shows how the Hex color 355D36 looks on a white background.

Color Contrast Check

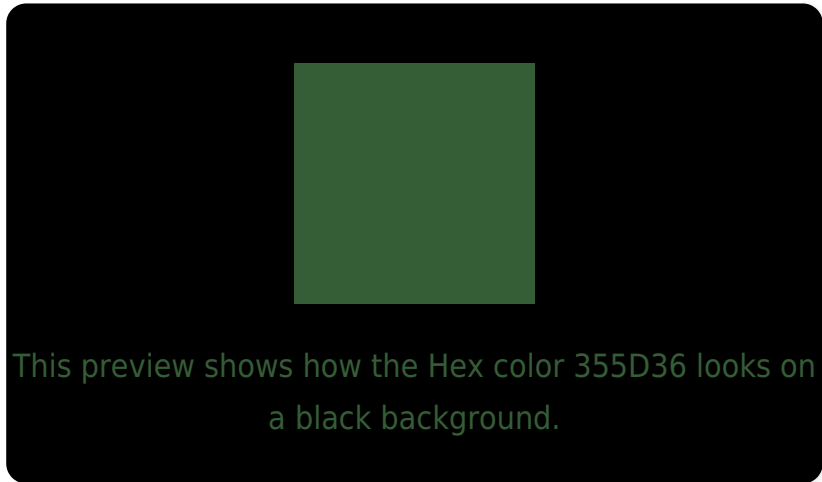
Large Text (above 18pt) WCAG AA ✓ Pass

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

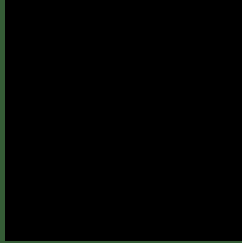
Any Text WCAG AA × Fail

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 355D36 Background



This preview shows how black text looks on a background with the Hex color 355D36.



This preview shows how white text looks on a background with the Hex color 355D36.

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
355D36

Protanopia
5B5432

Deuteranopia
645039



Tritanopia
3D585F

Trichromacy



Original Color
355D36

Protanomaly
4D5733

Deuteranomaly
535538

Tritanomaly
3A5A50

Monochromacy



Original Color
355D36

Achromatopsia
4D4D4D

Achromatomaly
445345

CSS Examples

Text

The CSS property to change the color of the text to Hex 355D36 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 #355D36 looks like.

```
.text, #text, p{  
    color:#355D36  
}
```

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 #355D36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #355D36
}
```

Border

The CSS property to change the border of an element to Hex 355D36 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".

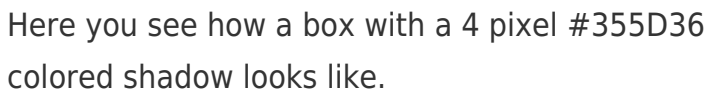
```
.border, #border, table{ border:4px solid
#355D36 }
```

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

```
.border{ border-color:#355D36 }
```

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

Here you see how a box with a 4 pixel #355D36 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #355D36; -webkit-box-shadow:4px 4px  
4px 4px #355D36; box-shadow:4px 4px 4px  
4px #355D36 }
```

Background

The CSS property to change the background color of an element to Hex 355D36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#355D36 }
```

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

```
.background{ background-color:#355D36 }
```

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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