

Converting Colors

Hex(356E35)

Have a look what the booklet for
Hex(356E35) contains.

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Color

Hex(356E35)

Conversions

Conversions Part 1

Format	Color
Hex	356E35
RGB	53, 110, 53
RGB Percent	21%, 43%, 21%
CMY	0.7922, 0.5686, 0.7922
CMYK	0.52, 0.00, 0.52, 0.57
HSL	120°, 35%, 32%
HSV	120°, 52%, 43%
XYZ	7.6867, 12.1658, 5.3113
YIQ	86.4590, -15.6750, -29.8110

Conversions

Conversions Part 2

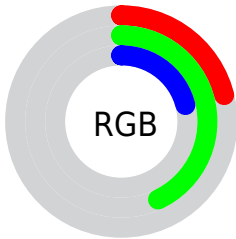
Format	Color
RYB	53, 110, 110
Decimal	3501621
CIELab	41.48, -31.53, 26.02
CIELCh	41, 40.881, 140.462
Yxy	12.1658, 0.3055, 0.4835
Android (android.graphics.Color)	4281691701 (0xFF356E35)
YUV	86.4590, -16.4953, -29.3435
Hunter-Lab	34.8795, -21.7013, 15.3873

Details

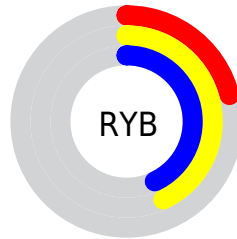
The Hex color **356E35** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6E356E**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **68A265**, and **003D07** is the 20% darker color. If you saturate the color by 10%, you get **2A6E2A**, and if you desaturate by 10%, it is **406E40**.

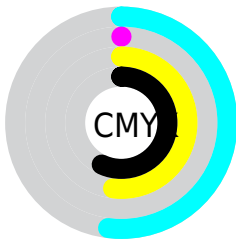
Distribution



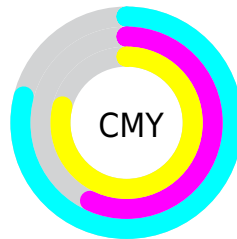
- Red (21%)
- Green (43%)
- Blue (21%)



- Red (21%)
- Yellow (43%)
- Blue (43%)



- Cyan (52%)
- Magenta (0%)
- Yellow (52%)
- Black (57%)



- Cyan (79%)
- Magenta (57%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 356E35 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 356E35 by changing the saturation by 10% instead.

 356E35

 356E35

FFFFFF

 1A551E

 68A265

 003D07

 83BD7E

 002700

 9ED998

 000A00

 B9F6B3

 000000

 D5FFCF

 F2FFEB

 356E35

 356E35

 2A6E2A

 406E40

■ 1F6E1F

■ 4B6E4B

■ 146E14

■ 566E56

■ 096E09

■ 616E61

■ 006E00

■ 6C6E6C

■ 776E77

■ 826E82

■ 8D6E8D

■ 986E98

Harmonies

Analogous

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



5E671E



356E35



007256

Triad

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



356E35



0069A4



9F454C

Complementary

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



356E35



6E356E

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.



9A456E



356E35



505DA1

Square

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



356E35



006F95



804F8D



944F2F

Rectangle

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



356E35



00726D



804F8D



9F4357

Sweetspot

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



356E35



788F78



6E6E35



3A473A



C7C7C7



474747

Same Dimension

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



356E35



368F36



356E52



323832



007800



00F700

Inverse Universe

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



6E356E



8F368F



6E3552



383238



780078



F700F7

Previews

White Background



This preview shows how the Hex color 356E35 looks on a white background.

Color Contrast Check

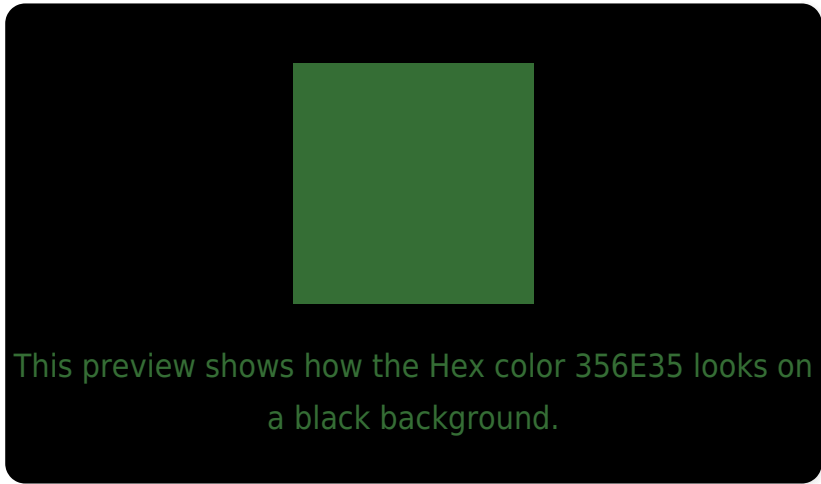
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

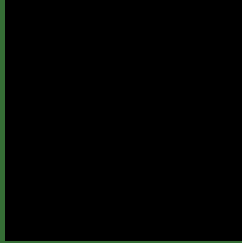
Any Text WCAG AA × Fail

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 356E35 Background



This preview shows how black text looks on a background with the Hex color 356E35.



This preview shows how white text looks on a background with the Hex color 356E35.

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
356E35

Protanopia
6C6131

Deuteranopia
765D39



Tritanopia
426870

Trichromacy



Original Color
356E35

Protanomaly
586632

Deuteranomaly
5E6338

Tritanomaly
3D6A5B

Monochromacy



Original Color
356E35

Achromatopsia
565656

Achromatomaly
4A5F4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 356E35 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 #356E35 looks like.

```
.text, #text, p{  
    color:#356E35  
}
```

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 #356E35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #356E35
}
```

Border

The CSS property to change the border of an element to Hex 356E35 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
#356E35 }
```

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

```
.border{ border-color:#356E35 }
```

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

Here you see how a box with a 4 pixel #356E35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #356E35; -webkit-box-shadow:4px 4px  
4px 4px #356E35; box-shadow:4px 4px 4px  
4px #356E35 }
```

Background

The CSS property to change the background color of an element to Hex 356E35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#356E35 }
```

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

```
.background{ background-color:#356E35 }
```

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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