

Converting Colors

Hex(356D2A)

Have a look what the booklet for
Hex(356D2A) contains.

Hex(356D2A)	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(356D2A)

Conversions

Conversions Part 1

Format	Color
Hex	356D2A
RGB	53, 109, 42
RGB Percent	21%, 43%, 16%
CMY	0.7922, 0.5725, 0.8353
CMYK	0.51, 0.00, 0.61, 0.57
HSL	110°, 44%, 30%
HSV	110°, 61%, 43%
XYZ	7.3548, 11.8613, 4.0923
YIQ	84.6180, -11.8690, -32.7090

Conversions

Conversions Part 2

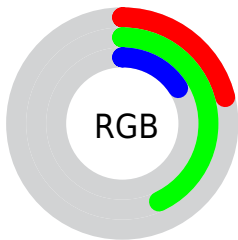
Format	Color
RYB	42, 109, 98
Decimal	3501354
CIELab	40.99, -32.60, 31.27
CIELCh	41, 45.177, 136.192
Yxy	11.8613, 0.3155, 0.5089
Android (android.graphics.Color)	4281691434 (0xFF356D2A)
YUV	84.6180, -21.0107, -27.7290
Hunter-Lab	34.4403, -22.1516, 17.0631

Details


The Hex color **356D2A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **622A6D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **69A15A**, and **003D00** is the 20% darker color. If you saturate the color by 10%, you get **2C6D1F**, and if you desaturate by 10%, it is **3E6D35**.

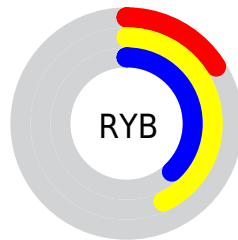
Distribution



 Red (21%)

 Green (43%)

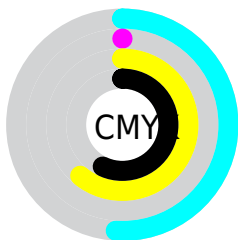
 Blue (16%)




 Red (16%)

 Yellow (43%)

 Blue (38%)

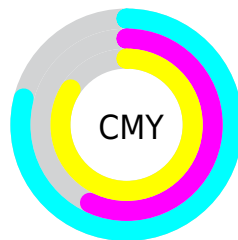


 Cyan (51%)

 Magenta (0%)

 Yellow (61%)

 Black (57%)



 Cyan (79%)

 Magenta (57%)

 Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 356D2A 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 356D2A by changing the saturation by 10% instead.

 356D2A

 356D2A

FFFFFF

 1A5412

 69A15A

 003D00

 83BC73

 002700

 9ED88D

 000700

 BAF5A8

 000000

 D6FFC3

 F3FFDF

 FFFFFC

 356D2A

 356D2A

■ 2C6D1F

■ 3E6D35

■ 236D14

■ 476D40

■ 1A6D09

■ 506D4B

■ 126D00

■ 596D56

■ 636D61

■ 6C6D6B

■ 756D76

■ 7E6D81

■ 876D8C

Harmonies

Analogous

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



61650F



356D2A



00714E

Triad

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



356D2A



006AA9



A43E4E

Complementary

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



356D2A



622A6D

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.



9B4073



356D2A



3F5EA8

Square

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



356D2A



007095



7C4E94



9A4A2C

Rectangle

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



356D2A



007268



7C4E94



A33D5A

Sweetspot

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



356D2A



798F75



6D622A



3A4738



C7C7C7



474747

Same Dimension

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



356D2A



368F25



2A6D40



313630



137500



28F500

Inverse Universe

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



622A6D



7D258F



6D2A57



353036



620075



CD00F5

Previews

White Background



This preview shows how the Hex color 356D2A looks on a white background.

Color Contrast Check

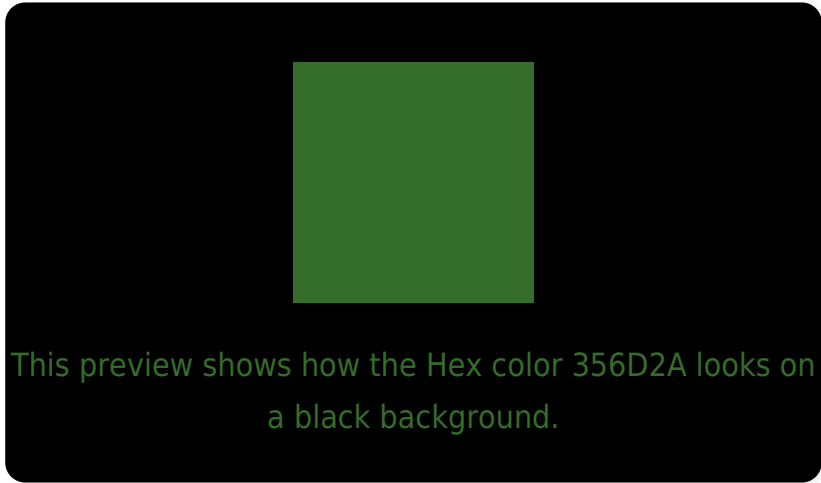
Large Text (above 18pt) WCAG AA ✓ Pass

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 356D2A Background



This preview shows how black text looks on a background with the Hex color 356D2A.



This preview shows how white text looks on a background with the Hex color 356D2A.

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
356D2A

Protanopia
6B6026

Deuteranopia
775C2F



Tritanopia
43666E

Trichromacy



Original Color
356D2A

Protanomaly
576527

Deuteranomaly
5F622D

Tritanomaly
3E6955

Monochromacy



Original Color
356D2A

Achromatopsia
555555

Achromatomaly
495E45

CSS Examples

Text

The CSS property to change the color of the text to Hex 356D2A 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 #356D2A looks like.

```
.text, #text, p{  
    color:#356D2A  
}
```

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 #356D2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #356D2A
}
```

Border

The CSS property to change the border of an element to Hex 356D2A 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
#356D2A }
```

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

```
.border{ border-color:#356D2A }
```

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

Here you see how a box with a 4 pixel #356D2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #356D2A; -webkit-box-shadow:4px 4px  
4px 4px #356D2A; box-shadow:4px 4px 4px  
4px #356D2A }
```

Background

The CSS property to change the background color of an element to Hex 356D2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#356D2A }
```

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

```
.background{ background-color:#356D2A }
```

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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