

# Converting Colors

Hex(356F29)

Have a look what the booklet for  
Hex(356F29) contains.

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# Color

**Hex(356F29)**

# Conversions

## Conversions Part 1

Format	Color
Hex	356F29
RGB	53, 111, 41
RGB Percent	21%, 44%, 16%
CMY	0.7922, 0.5647, 0.8392
CMYK	0.52, 0.00, 0.63, 0.56
HSL	110°, 46%, 30%
HSV	110°, 63%, 44%
XYZ	7.5529, 12.2859, 4.0712
YIQ	85.6780, -12.0980, -34.0660

# Conversions

## Conversions Part 2

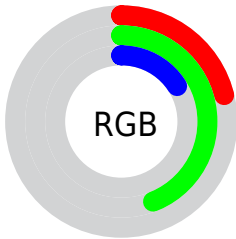
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 111, 99
Decimal	3501865
CIELab	41.67, -33.60, 32.55
CIELCh	42, 46.781, 135.913
Yxy	12.2859, 0.3159, 0.5138
Android (android.graphics.Color)	4281691945 (0xFF356F29)
YUV	85.6780, -22.0263, -28.6586
Hunter-Lab	35.0512, -22.8762, 17.6494

# Details


The Hex color **356F29** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **63296F**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **69A359**, and **003E00** is the 20% darker color. If you saturate the color by 10%, you get **2C6F1E**, and if you desaturate by 10%, it is **3E6F34**.

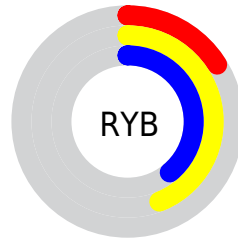
# Distribution



 Red (21%)

 Green (44%)

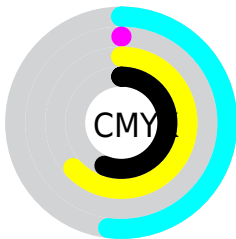
 Blue (16%)




 Red (16%)

 Yellow (44%)

 Blue (39%)

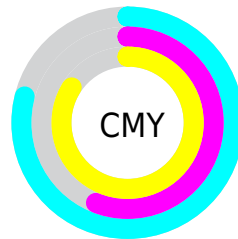


 Cyan (52%)


 Magenta (0%)

 Yellow (63%)

 Black (56%)



 Cyan (79%)

 Magenta (56%)

 Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 356F29 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 356F29 by changing the saturation by 10% instead.



 356F29

 356F29

FFFFFF

 1A5611

 69A359

 003E00

 83BF72

 002800

 9FDB8C

 000B00

 BAF7A7

 000000

 D7FFC3

 F4FFDF

 FFFFFC

 356F29

 356F29

■ 2C6F1E

■ 3E6F34

■ 236F13

■ 476F3F

■ 196F08

■ 516F4A

■ 136F00

■ 5A6F55

■ 636F61

■ 6C6F6C

■ 756F77

■ 7F6F82

■ 886F8D

# Harmonies

## Analogous

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



62670C



356F29



00734E

# Triad

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



356F29



006CAD



A83E4F

# Complementary

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



356F29



63296F

# 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.



9F4076



356F29



3D60AD

# Square

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



356F29



007299



7E4F98



9D4A2C

# Rectangle

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



356F29



007469



7E4F98



A73C5C



# Sweetspot

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



356F29



7A9176



6F6229



3C4A39



C9C9C9



4A4A4A



# Same Dimension

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



356F29



369123



296F3F



333832



157800



2AF700



# Inverse Universe

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



63296F



7E2391



6F2959



373238



630078



CD00F7



# Previews

## White Background



This preview shows how the Hex color 356F29 looks on a white background.

## Color Contrast Check

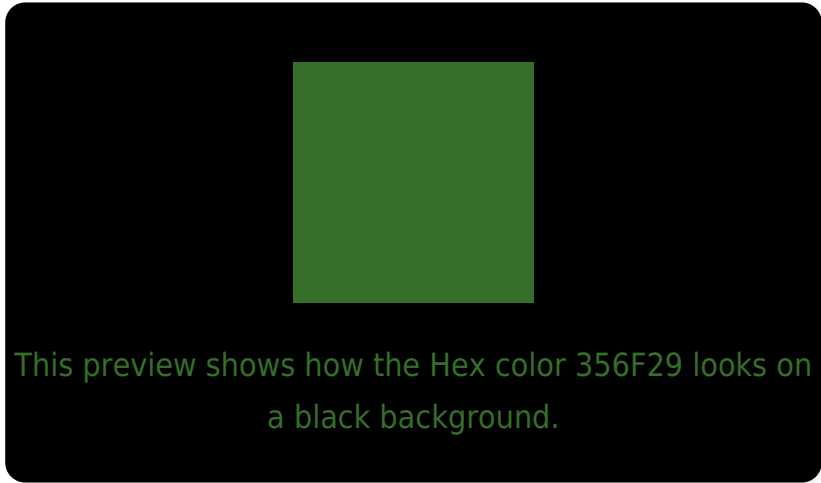
Large Text (above 18pt) WCAG AA ✓ Pass

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

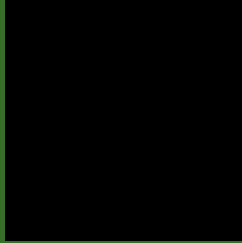
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 356F29 Background



This preview shows how black text looks on a background with the Hex color 356F29.



This preview shows how white text looks on a background with the Hex color 356F29.

# 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**  
356F29

**Protanopia**  
6D6225

**Deuteranopia**  
795D2E



**Tritanopia**  
436870

# Trichromacy



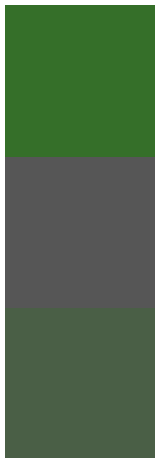
**Original Color**  
356F29

**Protanomaly**  
596726

**Deuteranomaly**  
60642C

**Tritanomaly**  
3E6B56

# Monochromacy



**Original Color**  
356F29

**Achromatopsia**  
565656

**Achromatomaly**  
4A5F46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 356F29 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 #356F29 looks like.

```
.text, #text, p{  
    color:#356F29  
}
```

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 #356F29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #356F29
}
```

## Border

The CSS property to change the border of an element to Hex 356F29 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".

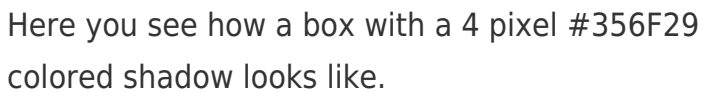
```
.border, #border, table{ border:4px solid
#356F29 }
```

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

```
.border{ border-color:#356F29 }
```

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

Here you see how a box with a 4 pixel #356F29 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #356F29; -webkit-box-shadow:4px 4px  
4px 4px #356F29; box-shadow:4px 4px 4px  
4px #356F29 }
```

# Background

The CSS property to change the background color of an element to Hex 356F29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#356F29 }
```

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

```
.background{ background-color:#356F29 }
```

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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