

# Converting Colors

Hex(354A15)

Have a look what the booklet for  
Hex(354A15) contains.

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**Color**

**Hex(354A15)**

# Conversions

## Conversions Part 1

Format	Color
Hex	354A15
RGB	53, 74, 21
RGB Percent	21%, 29%, 8%
CMY	0.7922, 0.7098, 0.9176
CMYK	0.28, 0.00, 0.72, 0.71
HSL	84°, 56%, 19%
HSV	84°, 72%, 29%
XYZ	4.0523, 5.7086, 1.5978
YIQ	61.6790, 4.4970, -20.9350

# Conversions

## Conversions Part 2

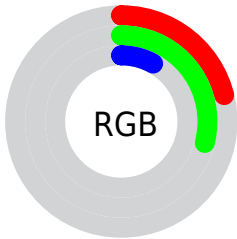
<b>Format</b>	<b>Color</b>
<b>RYB</b>	21, 74, 42
Decimal	3492373
CIELab	28.67, -17.85, 28.04
CIElCh	29, 33.242, 122.475
Yxy	5.7086, 0.3568, 0.5026
Android (android.graphics.Color)	4281682453 (0xFF354A15)
YUV	61.6790, -20.0547, -7.6115
Hunter-Lab	23.8926, -11.5375, 12.7600

# Details

The Hex color **354A15** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2A154A**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **667B43**, and **021F00** is the 20% darker color. If you saturate the color by 10%, you get **324A0E**, and if you desaturate by 10%, it is **384A1C**.

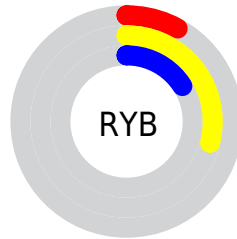
# Distribution



Red (21%)

Green (29%)

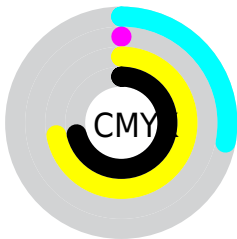
Blue (8%)



Red (8%)

Yellow (29%)

Blue (16%)

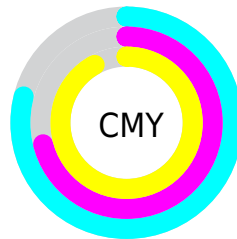


Cyan (28%)

Magenta (0%)

Yellow (72%)

Black (71%)



Cyan (79%)

Magenta (71%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 354A15 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 354A15 by changing the saturation by 10% instead.




 354A15

 354A15

FFFFFFD

 1F3300

 667B43

 021F00

 7F955B

 000000

 9AAF74

 B5CB8E

 D1E7A8

 EDFFC4

 FFFFEO

 354A15

 354A15

■ 324A0E

■ 384A1C

■ 2F4A06

■ 3B4A24

■ 2D4A00

■ 3E4A2B

■ 414A33

■ 444A3A

■ 474A41

■ 4A4A49

■ 4C4A50

■ 4F4A58

# Harmonies

## Analogous

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



4F430B



354A15



0A4E2B

# Triad

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



354A15



004C71



712C43

# Complementary

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



354A15



2A154A

# 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.



64315C



354A15



044677

# Square

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



354A15



004F5E



473C6F



70302A

# Rectangle

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



354A15



00503C



473C6F



6F2C4B



# Sweetspot

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



354A15



59614D



4A2915



2C3024



B0B0B0



303030



# Same Dimension

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



354A15



40610E



1B4A15



252622



3E6600



8BE600



# Inverse Universe

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



2A154A



2F0E61



44154A



242226



280066

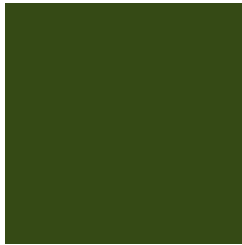


5B00E6



# Previews

## White Background



This preview shows how the Hex color 354A15 looks on a white background.

## Color Contrast Check

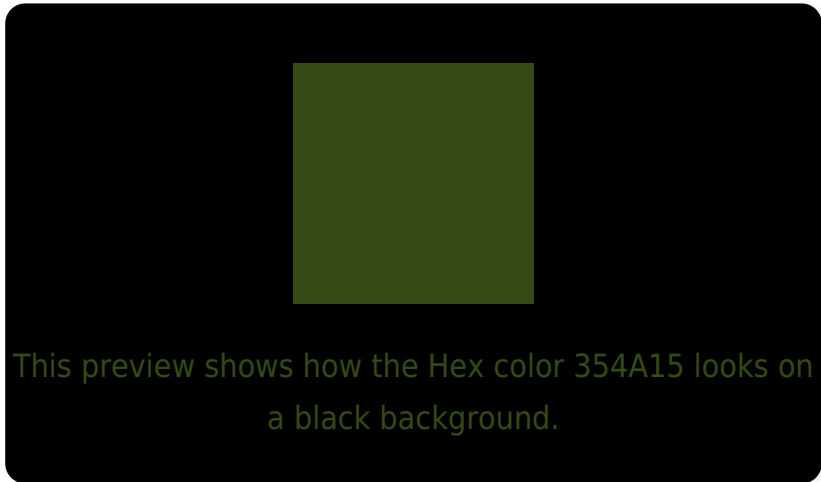
Large Text (above 18pt) WCAG AA ✓ Pass

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

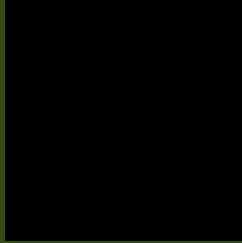
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 354A15 Background



This preview shows how black text looks on a background with the Hex color 354A15.



This preview shows how white text looks on a background with the Hex color 354A15.

# 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](#).

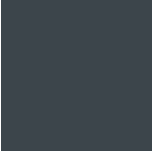
## Dichromacy



**Original Color**  
354A15

**Protanopia**  
4C4413

**Deuteranopia**  
544019



**Tritanopia**  
3C454B

# Trichromacy



**Original Color**  
354A15

**Protanomaly**  
444614

**Deuteranomaly**  
494418

**Tritanomaly**  
394737

# Monochromacy



**Original Color**  
354A15

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
3B422F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 354A15 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 #354A15 looks like.

```
.text, #text, p{  
    color:#354A15  
}
```

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 #354A15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #354A15
}
```

## Border

The CSS property to change the border of an element to Hex 354A15 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".

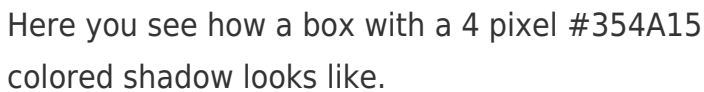
```
.border, #border, table{ border:4px solid
#354A15 }
```

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

```
.border{ border-color:#354A15 }
```

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

Here you see how a box with a 4 pixel #354A15 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #354A15; -webkit-box-shadow:4px 4px  
4px 4px #354A15; box-shadow:4px 4px 4px  
4px #354A15 }
```

# Background

The CSS property to change the background color of an element to Hex 354A15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#354A15 }
```

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

```
.background{ background-color:#354A15 }
```

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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