

# Converting Colors

Hex(3A5702)

Have a look what the booklet for  
Hex(3A5702) contains.

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**Color**

**Hex(3A5702)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3A5702
RGB	58, 87, 2
RGB Percent	23%, 34%, 1%
CMY	0.7725, 0.6588, 0.9922
CMYK	0.33, 0.00, 0.98, 0.66
HSL	80°, 96%, 17%
HSV	80°, 98%, 34%
XYZ	5.1641, 7.7203, 1.2754
YIQ	68.6390, 10.0010, -32.5830

# Conversions

## Conversions Part 2

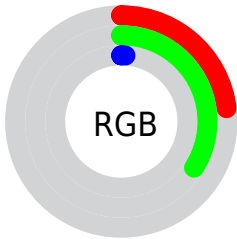
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 87, 31
Decimal	3823362
CIELab	33.39, -23.53, 39.74
CIELCh	33, 46.183, 120.628
Yxy	7.7203, 0.3647, 0.5452
Android (android.graphics.Color)	4282013442 (0xFF3A5702)
YUV	68.6390, -32.8530, -9.3304
Hunter-Lab	27.7855, -15.4494, 16.7282

# Details

The Hex color **3A5702** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **1F0257**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **6D8937**, and **072900** is the 20% darker color. If you saturate the color by 10%, you get **395700**, and if you desaturate by 10%, it is **3D570B**.

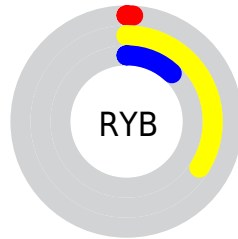
# Distribution



Red (23%)

Green (34%)

Blue (1%)



Red (1%)

Yellow (34%)

Blue (12%)

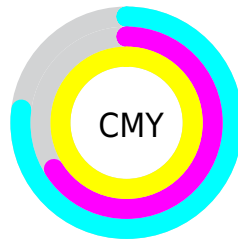


Cyan (33%)

Magenta (0%)

Yellow (98%)

Black (66%)



Cyan (77%)

Magenta (66%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A5702 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 3A5702 by changing the saturation by 10% instead.



 3A5702

 3A5702

 FFFFF2

 233F00

 6D8937

 072900

 87A350

 001400

 A2BF69

 000000

 BEDA83

 DAF79E

 F7FFB9

 FFFFD5

 3A5702

 3A5702

■ 395700

■ 3D570B

■ 405713

■ 43571C

■ 465725

■ 49572E

■ 4C5736

■ 4F573F

■ 525748

■ 555750

# Harmonies

## Analogous

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



5F4D00



3A5702



005D28

# Triad

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



3A5702



005B8E



8E274F

# Complementary

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



3A5702



1F0257

# 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.



7A3273



3A5702



005398

# Square

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



3A5702



005F73



4D448E



8C2E2C

# Rectangle

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



3A5702



005E41



4D448E



8A295C



# Sweetspot

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



3A5702



657050



571E02



313824



B8B8B8



383838



# Same Dimension

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



3A5702



4A7000



105702



2A2B27



476B00



9BEB00



# Inverse Universe

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



1F0257



260070



490257



28272B



25006B

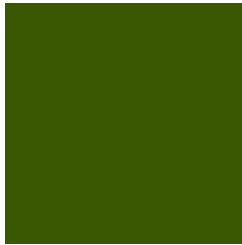


5000EB



# Previews

## White Background



This preview shows how the Hex color 3A5702 looks on a white background.

## Color Contrast Check

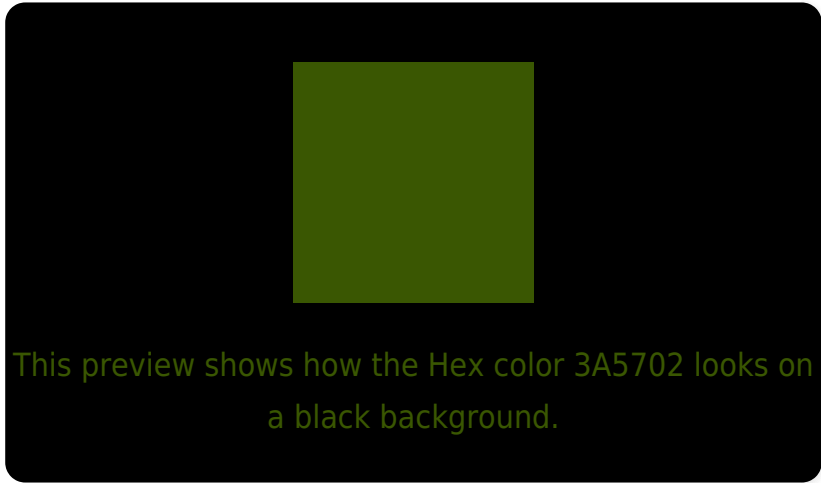
Large Text (above 18pt) WCAG AA ✓ Pass

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 3A5702 Background



This preview shows how black text looks on a background with the Hex color 3A5702.



This preview shows how white text looks on a background with the Hex color 3A5702.

# 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**  
3A5702

**Protanopia**  
594F00

**Deuteranopia**  
634A11



**Tritanopia**  
435157

# Trichromacy



**Original Color**  
3A5702

**Protanomaly**  
4E5201

**Deuteranomaly**  
544F0C

**Tritanomaly**  
405338

# Monochromacy



**Original Color**  
3A5702

**Achromatopsia**  
454545

**Achromatomaly**  
414C2D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A5702 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 #3A5702 looks like.

```
.text, #text, p{  
    color:#3A5702  
}
```

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 #3A5702 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A5702
}
```

## Border

The CSS property to change the border of an element to Hex 3A5702 is called "border". The border property can be set on classes, ids or directly on the HTML element.

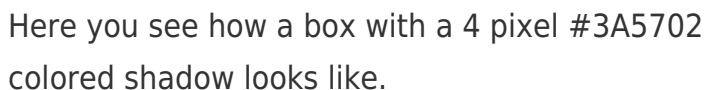
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A5702 }
```

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

```
.border{ border-color:#3A5702 }
```

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



Here you see how a box with a 4 pixel #3A5702 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A5702; -webkit-box-shadow:4px 4px  
4px 4px #3A5702; box-shadow:4px 4px 4px  
4px #3A5702 }
```

# Background

The CSS property to change the background color of an element to Hex 3A5702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A5702 }
```

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

```
.background{ background-color:#3A5702 }
```

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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