

Converting Colors

Hex(3C5809)

Have a look what the booklet for
Hex(3C5809) contains.

Hex(3C5809)	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(3C5809)

Conversions

Conversions Part 1

Format	Color
Hex	3C5809
RGB	60, 88, 9
RGB Percent	24%, 35%, 4%
CMY	0.7647, 0.6549, 0.9647
CMYK	0.32, 0.00, 0.90, 0.65
HSL	81°, 81%, 19%
HSV	81°, 90%, 35%
XYZ	5.4025, 7.9598, 1.5101
YIQ	70.6220, 8.6710, -30.5050

Conversions

Conversions Part 2

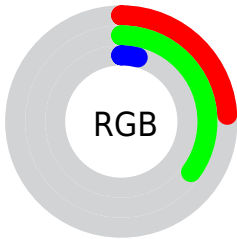
Format	Color
R_{YB}	9, 88, 37
Decimal	3954697
CIE _{Lab}	33.90, -22.84, 37.98
CIE _{LCh}	34, 44.318, 121.017
Yxy	7.9598, 0.3633, 0.5352
Android (android.graphics.Color)	4282144777 (0xFF3C5809)
YUV	70.6220, -30.3796, -9.3155
Hunter-Lab	28.2132, -15.1923, 16.5757

Details

The Hex color **3C5809** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **250958**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **6F8A3C**, and **0A2A00** is the 20% darker color. If you saturate the color by 10%, you get **395800**, and if you desaturate by 10%, it is **3F5812**.

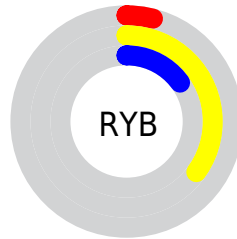
Distribution



Red (24%)

Green (35%)

Blue (4%)



Red (4%)

Yellow (35%)

Blue (15%)

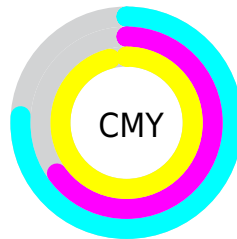


Cyan (32%)

Magenta (0%)

Yellow (90%)

Black (65%)



Cyan (76%)

Magenta (65%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C5809 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 3C5809 by changing the saturation by 10% instead.

 3C5809

 3C5809

 FFFFF7

 244000

 6F8A3C

 0A2A00

 89A455

 001600

 A4C06E

 000000

 C0DC88

 DCF8A3

 F9FFBE

 FFFFDA

 3C5809

 3C5809

■ 395800

■ 3F5812

■ 42581B

■ 455823

■ 48582C

■ 4C5835

■ 4F583E

■ 525847

■ 55584F

■ 585858

Harmonies

Analogous

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



5F4F00



3C5809



005D2C

Triad

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



3C5809



005C8D



8D2B50

Complementary

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



3C5809



250958

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.



7B3572



3C5809



005496

Square

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



3C5809



005F73



50468C



8B322E

Rectangle

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



3C5809



005F44



50468C



892D5C

Sweetspot

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



3C5809



687354



582509



343B28



BABABA



3B3B3B

Same Dimension

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



3C5809



4A7300



155809



2A2B27



456B00



97EB00

Inverse Universe

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



250958



290073



4C0958



29272B



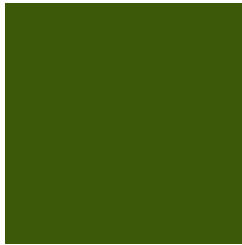
26006B



5300EB

Previews

White Background



This preview shows how the Hex color 3C5809 looks on a white background.

Color Contrast Check

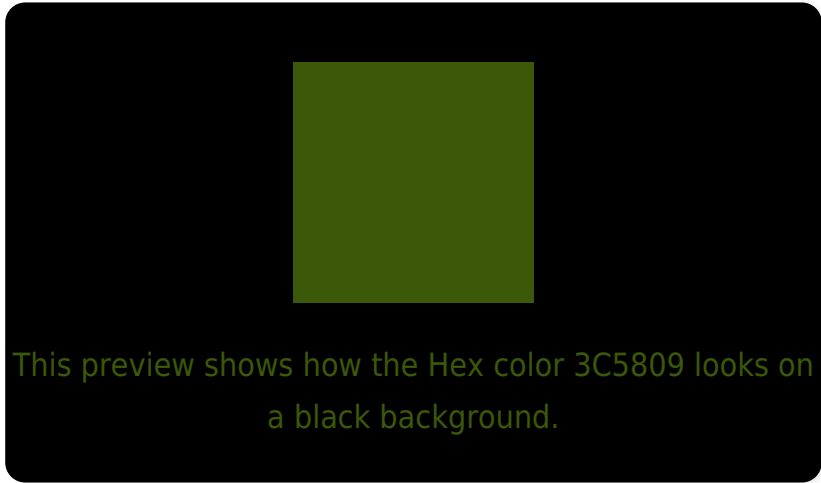
Large Text (above 18pt) WCAG AA ✓ Pass

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

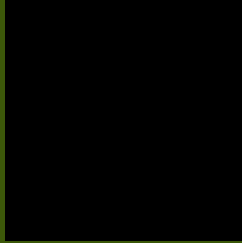
Any Text WCAG AA × Fail

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 3C5809 Background



This preview shows how black text looks on a background with the Hex color 3C5809.



This preview shows how white text looks on a background with the Hex color 3C5809.

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](#).

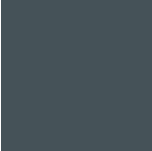
Dichromacy



Original Color
3C5809

Protanopia
5A5005

Deuteranopia
644C13



Tritanopia
455258

Trichromacy



Original Color
3C5809

Protanomaly
4F5306

Deuteranomaly
55500F

Tritanomaly
42543B

Monochromacy



Original Color
3C5809

Achromatopsia
474747

Achromatomaly
434D30

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C5809 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 #3C5809 looks like.

```
.text, #text, p{  
    color:#3C5809  
}
```

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 #3C5809 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C5809
}
```

Border

The CSS property to change the border of an element to Hex 3C5809 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
#3C5809 }
```

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

```
.border{ border-color:#3C5809 }
```

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

Here you see how a box with a 4 pixel #3C5809 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C5809; -webkit-box-shadow:4px 4px  
4px 4px #3C5809; box-shadow:4px 4px 4px  
4px #3C5809 }
```

Background

The CSS property to change the background color of an element to Hex 3C5809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C5809 }
```

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

```
.background{ background-color:#3C5809 }
```

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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