

Converting Colors

Hex(3F5C12)

Have a look what the booklet for
Hex(3F5C12) contains.

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Color

Hex(3F5C12)

Conversions

Conversions Part 1

Format	Color
Hex	3F5C12
RGB	63, 92, 18
RGB Percent	25%, 36%, 7%
CMY	0.7529, 0.6392, 0.9294
CMYK	0.32, 0.00, 0.80, 0.64
HSL	84°, 67%, 22%
HSV	84°, 80%, 36%
XYZ	5.9862, 8.7547, 1.9466
YIQ	74.8930, 6.4700, -29.1620

Conversions

Conversions Part 2

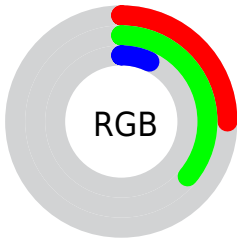
Format	Color
R_{YB}	18, 92, 47
Decimal	4152338
CIE _{Lab}	35.51, -23.08, 36.51
CIE _{LCh}	36, 43.195, 122.302
Yxy	8.7547, 0.3587, 0.5246
Android (android.graphics.Color)	4282342418 (0xFF3F5C12)
YUV	74.8930, -28.0482, -10.4302
Hunter-Lab	29.5884, -15.6661, 16.8112

Details

The Hex color **3F5C12** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2F125C**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **728E43**, and **0E2E00** is the 20% darker color. If you saturate the color by 10%, you get **3B5C09**, and if you desaturate by 10%, it is **435C1B**.

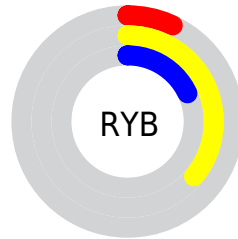
Distribution



Red (25%)

Green (36%)

Blue (7%)



Red (7%)

Yellow (36%)

Blue (18%)

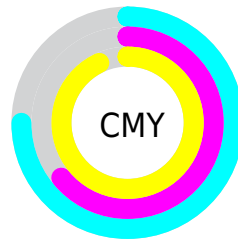


Cyan (32%)

Magenta (0%)

Yellow (80%)

Black (64%)



Cyan (75%)

Magenta (64%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F5C12 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 3F5C12 by changing the saturation by 10% instead.



3F5C12



3F5C12

FFFFFF



274400



728E43



0E2E00



8CA95C



001B00



A7C475



000000



C3E08F



DFFDAA



FCFFC6



FFFFE2



3F5C12



3F5C12

■ 3B5C09

■ 435C1B

■ 385C00

■ 465C24

■ 4A5C2E

■ 4D5C37

■ 515C40

■ 555C49

■ 585C52

■ 5C5C5C

■ 5F5C65

Harmonies

Analogous

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



625301



3F5C12



006132

Triad

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



3F5C12



005F90



903152

Complementary

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



3F5C12



2F125C

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.



7F3A74



3F5C12



005799

Square

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



3F5C12



006378



57498E



8E3731

Rectangle

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



3F5C12



006349



57498E



8D325E

Sweetspot

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



3F5C12



6D785B



5C2E12



363D2B



BDBDBD



3D3D3D

Same Dimension

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



3F5C12



4A7804



1B5C12



2C2E29



436E00



90ED00

Inverse Universe

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



2F125C



310478



53125C



2B292E



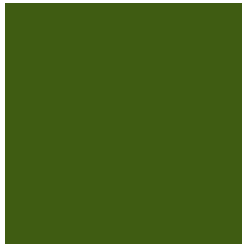
2B006E



5D00ED

Previews

White Background



This preview shows how the Hex color 3F5C12 looks on a white background.

Color Contrast Check

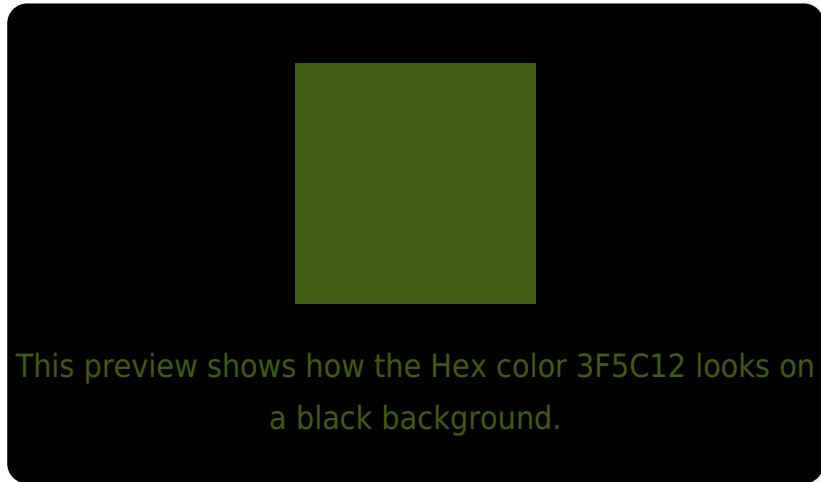
Large Text (above 18pt) WCAG AA ✓ Pass

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

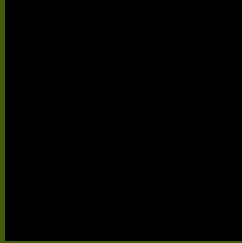
Any Text WCAG AA × Fail

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 3F5C12 Background



This preview shows how black text looks on a background with the Hex color 3F5C12.



This preview shows how white text looks on a background with the Hex color 3F5C12.

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](#).

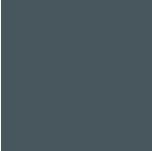
Dichromacy



Original Color
3F5C12

Protanopia
5E5410

Deuteranopia
694F19



Tritanopia
48565D

Trichromacy



Original Color
3F5C12

Protanomaly
535711

Deuteranomaly
5A5416

Tritanomaly
455842

Monochromacy



Original Color
3F5C12

Achromatopsia
4B4B4B

Achromatomaly
475136

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F5C12 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 #3F5C12 looks like.

```
.text, #text, p{  
    color:#3F5C12  
}
```

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 #3F5C12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F5C12
}
```

Border

The CSS property to change the border of an element to Hex 3F5C12 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
#3F5C12 }
```

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

```
.border{ border-color:#3F5C12 }
```

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

Here you see how a box with a 4 pixel #3F5C12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F5C12; -webkit-box-shadow:4px 4px  
4px 4px #3F5C12; box-shadow:4px 4px 4px  
4px #3F5C12 }
```

Background

The CSS property to change the background color of an element to Hex 3F5C12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F5C12 }
```

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

```
.background{ background-color:#3F5C12 }
```

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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