

Converting Colors

Hex(3C5F22)

Have a look what the booklet for
Hex(3C5F22) contains.

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Color

Hex(3C5F22)

Conversions

Conversions Part 1

Format	Color
Hex	3C5F22
RGB	60, 95, 34
RGB Percent	24%, 37%, 13%
CMY	0.7647, 0.6275, 0.8667
CMYK	0.37, 0.00, 0.64, 0.63
HSL	94°, 47%, 25%
HSV	94°, 64%, 37%
XYZ	6.2444, 9.2606, 2.9717
YIQ	77.5810, -1.2790, -26.3910

Conversions

Conversions Part 2

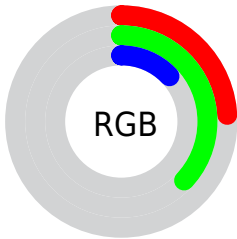
Format	Color
RYB	34, 95, 69
Decimal	3956514
CIELab	36.48, -24.46, 30.27
CIELCh	36, 38.915, 128.940
Yxy	9.2606, 0.3380, 0.5012
Android (android.graphics.Color)	4282146594 (0xFF3C5F22)
YUV	77.5810, -21.4854, -15.4185
Hunter-Lab	30.4312, -16.6267, 15.5119

Details

The Hex color **3C5F22** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **45225F**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **6E9251**, and **0E3000** is the 20% darker color. If you saturate the color by 10%, you get **375F18**, and if you desaturate by 10%, it is **415F2C**.

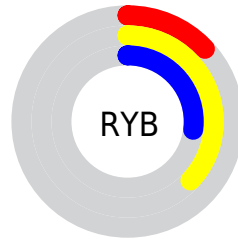
Distribution



Red (24%)

Green (37%)

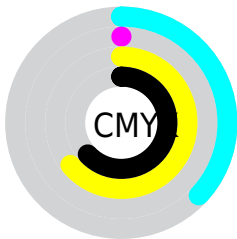
Blue (13%)



Red (13%)

Yellow (37%)

Blue (27%)

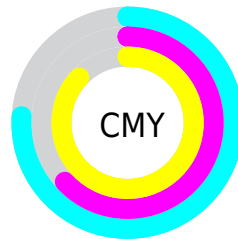


Cyan (37%)

Magenta (0%)

Yellow (64%)

Black (63%)



Cyan (76%)

Magenta (63%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C5F22 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 3C5F22 by changing the saturation by 10% instead.



3C5F22



3C5F22

FFFFFFF



24470A



6E9251



0E3000



88AC6A



001E00



A3C884



000000



BEE49E



DBFFB9



F7FFD5



FFFFFF2



3C5F22



3C5F22

■ 375F18

■ 415F2C

■ 315F0F

■ 475F35

■ 2C5F05

■ 4C5F3F

■ 285F00

■ 525F48

■ 575F52

■ 5D5F5B

■ 625F65

■ 685F6E

■ 6D5F78

Harmonies

Analogous

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



5E5712



3C5F22



00633E

Triad

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



3C5F22



005F90



8F394E

Complementary

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



3C5F22



45225F

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.



833D6D



3C5F22



285694

Square

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



3C5F22



00647C



644A87



8A4030

Rectangle

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



3C5F22



006554



644A87



8D3958

Sweetspot

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



3C5F22



6D7A63



5F4522



353D2F



BDBDBD



3D3D3D

Same Dimension

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



3C5F22



447A1C



225F26



2E302C



307000



66F000

Inverse Universe

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



45225F



521C7A



5F225B



2E2C30



400070



8A00F0

Previews

White Background



This preview shows how the Hex color 3C5F22 looks on a white background.

Color Contrast Check

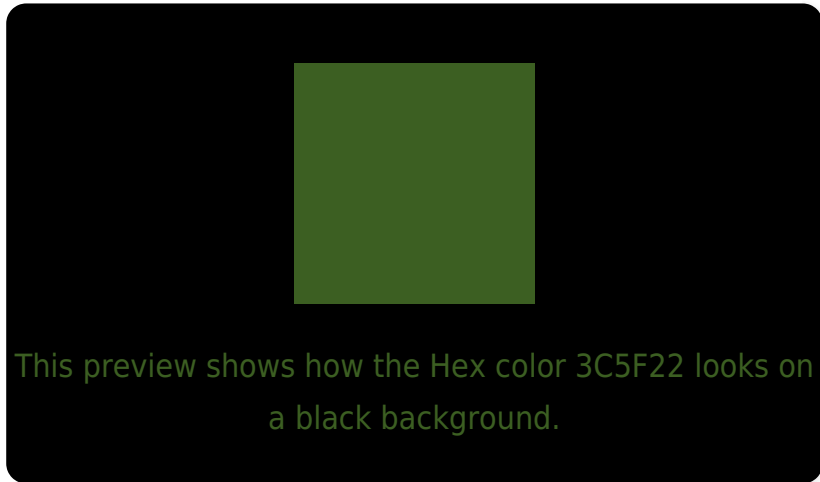
Large Text (above 18pt) WCAG AA ✓ Pass

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

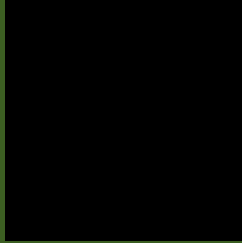
Any Text WCAG AA × Fail

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 3C5F22 Background



This preview shows how black text looks on a background with the Hex color 3C5F22.



This preview shows how white text looks on a background with the Hex color 3C5F22.

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](#).

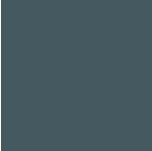
Dichromacy



Original Color
3C5F22

Protanopia
60561F

Deuteranopia
6A5126



Tritanopia
455960

Trichromacy



Original Color
3C5F22

Protanomaly
535920

Deuteranomaly
595625

Tritanomaly
425B49

Monochromacy



Original Color
3C5F22

Achromatopsia
4E4E4E

Achromatomaly
47543E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C5F22 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 #3C5F22 looks like.

```
.text, #text, p{  
    color:#3C5F22  
}
```

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 #3C5F22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C5F22
}
```

Border

The CSS property to change the border of an element to Hex 3C5F22 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
#3C5F22 }
```

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

```
.border{ border-color:#3C5F22 }
```

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

Here you see how a box with a 4 pixel #3C5F22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C5F22; -webkit-box-shadow:4px 4px  
4px 4px #3C5F22; box-shadow:4px 4px 4px  
4px #3C5F22 }
```

Background

The CSS property to change the background color of an element to Hex 3C5F22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C5F22 }
```

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

```
.background{ background-color:#3C5F22 }
```

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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