

Converting Colors

Hex(3F5A20)

Have a look what the booklet for
Hex(3F5A20) contains.

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Color

Hex(3F5A20)

Conversions

Conversions Part 1

Format	Color
Hex	3F5A20
RGB	63, 90, 32
RGB Percent	25%, 35%, 13%
CMY	0.7529, 0.6471, 0.8745
CMYK	0.30, 0.00, 0.64, 0.65
HSL	88°, 48%, 24%
HSV	88°, 64%, 35%
XYZ	5.9668, 8.4734, 2.6875
YIQ	75.3150, 2.5260, -23.7620

Conversions

Conversions Part 2

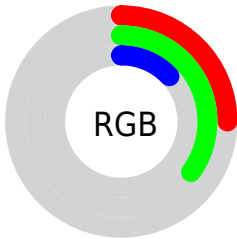
Format	Color
R_{YB}	32, 90, 59
Decimal	4151840
CIE _{Lab}	34.95, -20.89, 29.61
CIE _{LCh}	35, 36.242, 125.206
Y _{xy}	8.4734, 0.3484, 0.4947
Android (android.graphics.Color)	4282341920 (0xFF3F5A20)
YUV	75.3150, -21.3543, -10.8003
Hunter-Lab	29.1091, -14.3519, 14.9023

Details

The Hex color **3F5A20** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **3B205A**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **718C4F**, and **122C00** is the 20% darker color. If you saturate the color by 10%, you get **3B5A17**, and if you desaturate by 10%, it is **435A29**.

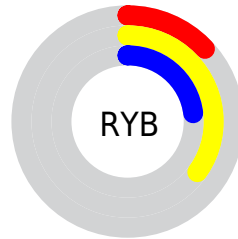
Distribution



Red (25%)

Green (35%)

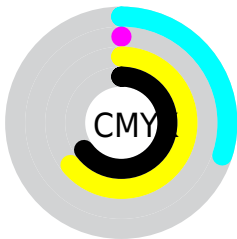
Blue (13%)



Red (13%)

Yellow (35%)

Blue (23%)

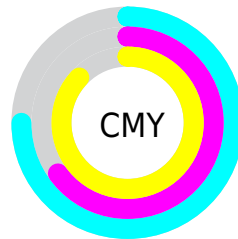


Cyan (30%)

Magenta (0%)

Yellow (64%)

Black (65%)



Cyan (75%)

Magenta (65%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F5A20 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 3F5A20 by changing the saturation by 10% instead.

 3F5A20

 3F5A20

FFFFFF

 274208

 718C4F

 122C00

 8BA767

 001A00

 A6C281

 000000

 C1DE9B

 DDFBB6

 FAFFD2

 FFFFEF

 3F5A20

 3F5A20

■ 3B5A17

■ 435A29

■ 375A0E

■ 475A32

■ 325A05

■ 4C5A3B

■ 305A00

■ 505A44

■ 545A4D

■ 585A56

■ 5C5A5F

■ 615A68

■ 655A71

Harmonies

Analogous

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



5D5214



3F5A20



0D5E39

Triad

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



3F5A20



005C86



87384E

Complementary

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



3F5A20



3B205A

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.



793D6B



3F5A20



1F548C

Square

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



3F5A20



005F73



5A4882



843D32

Rectangle

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



3F5A20



00604C



5A4882



843858

Sweetspot

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



3F5A20



6B755F



5A3A20



343B2D



BABABA



3B3B3B

Same Dimension

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



3F5A20



4B751B



235A20



2C2E29



3B6E00



7FED00

Inverse Universe

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



3B205A



451B75



57205A



2B292E



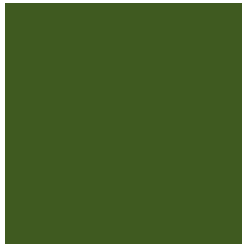
33006E



6E00ED

Previews

White Background



This preview shows how the Hex color 3F5A20 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

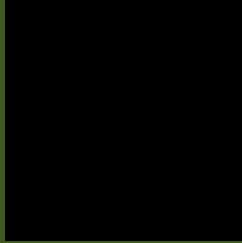
Any Text WCAG AA × Fail

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 3F5A20 Background



This preview shows how black text looks on a background with the Hex color 3F5A20.



This preview shows how white text looks on a background with the Hex color 3F5A20.

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
3F5A20

Protanopia
5C521E

Deuteranopia
664E24



Tritanopia
47545B

Trichromacy



Original Color
3F5A20

Protanomaly
51551F

Deuteranomaly
585223

Tritanomaly
445646

Monochromacy



Original Color
3F5A20

Achromatopsia
4B4B4B

Achromatomaly
47503B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F5A20 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 #3F5A20 looks like.

```
.text, #text, p{  
    color:#3F5A20  
}
```

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 #3F5A20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F5A20
}
```

Border

The CSS property to change the border of an element to Hex 3F5A20 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
#3F5A20 }
```

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

```
.border{ border-color:#3F5A20 }
```

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

Here you see how a box with a 4 pixel #3F5A20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F5A20; -webkit-box-shadow:4px 4px  
4px 4px #3F5A20; box-shadow:4px 4px 4px  
4px #3F5A20 }
```

Background

The CSS property to change the background color of an element to Hex 3F5A20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F5A20 }
```

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

```
.background{ background-color:#3F5A20 }
```

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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