

Converting Colors

Hex(3F5300)

Have a look what the booklet for
Hex(3F5300) contains.

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Color

Hex(3F5300)

Conversions

Conversions Part 1

Format	Color
Hex	3F5300
RGB	63, 83, 0
RGB Percent	25%, 33%, 0%
CMY	0.7529, 0.6745, 1.0000
CMYK	0.24, 0.00, 1.00, 0.67
HSL	74°, 100%, 16%
HSV	74°, 100%, 33%
XYZ	5.1432, 7.2433, 1.1270
YIQ	67.5580, 14.7230, -30.0530

Conversions

Conversions Part 2

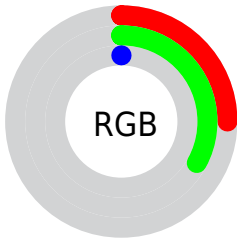
Format	Color
RYB	0, 83, 20
Decimal	4150016
CIELab	32.35, -19.31, 39.78
CIELCh	32, 44.220, 115.886
Yxy	7.2433, 0.3806, 0.5360
Android (android.graphics.Color)	4282340096 (0xFF3F5300)
YUV	67.5580, -33.3061, -3.9974
Hunter-Lab	26.9133, -12.9869, 16.3565

Details

The Hex color **3F5300** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **140053**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **728535**, and **0E2600** is the 20% darker color. If you saturate the color by 10%, you get **3F5300**, and if you desaturate by 10%, it is **415308**.

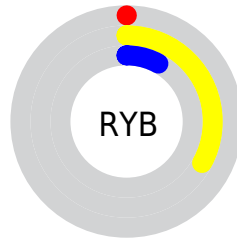
Distribution



Red (25%)

Green (33%)

Blue (0%)



Red (0%)

Yellow (33%)

Blue (8%)

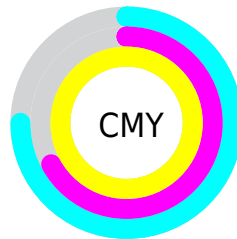


Cyan (24%)

Magenta (0%)

Yellow (100%)

Black (67%)



Cyan (75%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3F5300 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 3F5300 by changing the saturation by 10% instead.



3F5300



3F5300



FFFFFFE



283C00



728535



0E2600



8C9F4E



000F00



A7BA67



000000



C3D581



E0F29B



FDFFB7



FFFFD3



3F5300

■ 415308

■ 435311

■ 455319

■ 475321

■ 495329

■ 4B5332

■ 4D533A

■ 4F5342

■ 51534B

Harmonies

Analogous

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



604900



3F5300



005922

Triad

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



3F5300



005985



872852

Complementary

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



3F5300



140053

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.



713474



3F5300



005292

Square

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



3F5300



005C6A



41458B



882C30

Rectangle

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



3F5300



005B3A



41458B



822A5E

Sweetspot

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



3F5300



636B4B



531300



313622



B5B5B5



363636

Same Dimension

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



3F5300



516B00



165300



282925



4F6900



B0E800

Inverse Universe

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



140053



1A006B



3D0053



262529



190069



3800E8

Previews

White Background



This preview shows how the Hex color 3F5300 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

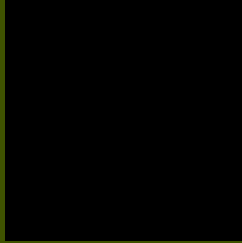
Any Text WCAG AA × Fail

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 3F5300 Background



This preview shows how black text looks on a background with the Hex color 3F5300.



This preview shows how white text looks on a background with the Hex color 3F5300.

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
3F5300

Protanopia
564C00

Deuteranopia
60480F



Tritanopia
464D53

Trichromacy



Original Color
3F5300

Protanomaly
4E4F00

Deuteranomaly
544C0A

Tritanomaly
434F35

Monochromacy



Original Color
3F5300

Achromatopsia
444444

Achromatomaly
42492B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3F5300 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 #3F5300 looks like.

```
.text, #text, p{  
    color:#3F5300  
}
```

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 #3F5300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F5300
}
```

Border

The CSS property to change the border of an element to Hex 3F5300 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
#3F5300 }
```

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

```
.border{ border-color:#3F5300 }
```

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

Here you see how a box with a 4 pixel #3F5300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F5300; -webkit-box-shadow:4px 4px  
4px 4px #3F5300; box-shadow:4px 4px 4px  
4px #3F5300 }
```

Background

The CSS property to change the background color of an element to Hex 3F5300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F5300 }
```

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

```
.background{ background-color:#3F5300 }
```

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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