

# Converting Colors

Hex(3F2501)

Have a look what the booklet for  
Hex(3F2501) contains.

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**Color**

**Hex(3F2501)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F2501
RGB	63, 37, 1
RGB Percent	25%, 15%, 0%
CMY	0.7529, 0.8549, 0.9961
CMYK	0.00, 0.41, 0.98, 0.75
HSL	35°, 97%, 13%
HSV	35°, 98%, 25%
XYZ	2.7169, 2.3821, 0.3453
YIQ	40.6700, 27.0520, -5.6840

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	46, 63, 1
Decimal	4138241
CIE Lab	17.38, 9.01, 25.02
CIE LCh	17, 26.595, 70.186
Yxy	2.3821, 0.4990, 0.4375
Android (android.graphics.Color)	4282328321 (0xFF3F2501)
YUV	40.6700, -19.5573, 19.5834
Hunter-Lab	15.4340, 4.4129, 9.4773

# Details

The Hex color **3F2501** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **011B3F**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **715230**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3F2500**, and if you desaturate by 10%, it is **3F2807**.

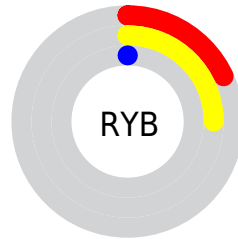
# Distribution



Red (25%)

Green (15%)

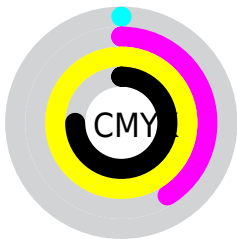
Blue (0%)



Red (18%)

Yellow (25%)

Blue (0%)



Cyan (0%)

Magenta (41%)

Yellow (98%)

Black (75%)



Cyan (75%)

Magenta (85%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F2501 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 3F2501 by changing the saturation by 10% instead.




 3F2501

 3F2501

 FFFFE4

 271100

 715230

 000000

 8C6A47

 A7835F

 C39D78

 E0B891

 FDD4AC

 FFF0C7

 3F2501

 3F2501

■ 3F2500

■ 3F2807

■ 3F2A0E

■ 3F2D14

■ 3F301A

■ 3F3221

■ 3F3527

■ 3F372D

■ 3F3A33

■ 3F3D3A

# Harmonies

## Analogous

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



4A1D13



3F2501



2F2C00

# Triad

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



3F2501



003431



342348

# Complementary

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



3F2501



011B3F

# 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.



0E2B50



3F2501



003343

# Square

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



3F2501



00331D



00304E



461B38

# Rectangle

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



3F2501



222F04



00304E



2B264C



# Sweetspot

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



3F2501



524739



3F011C



29231A



A8A8A8



292929



# Same Dimension

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



3F2501



522F00



3B3F01



1F1D1C



5E3700



DE8100



# Inverse Universe

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



011B3F



002252



05013F



1C1D1F



00285E



005DDE



# Previews

## White Background



This preview shows how the Hex color 3F2501 looks on a white background.

## Color Contrast Check

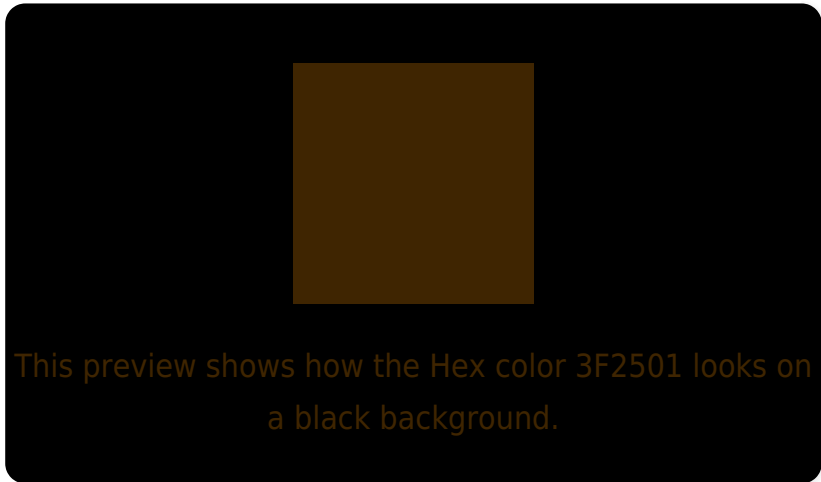
Large Text (above 18pt) WCAG AA ✓ Pass

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

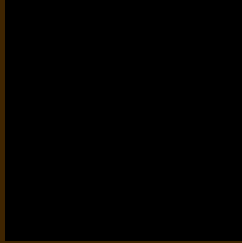
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3F2501 Background



This preview shows how black text looks on a background with the Hex color 3F2501.



This preview shows how white text looks on a background with the Hex color 3F2501.

# 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**  
3F2501

**Protanopia**  
312C05

**Deuteranopia**  
372900



**Tritanopia**  
402225

# Trichromacy



**Original Color**  
3F2501

**Protanomaly**  
362904

**Deuteranomaly**  
3A2800

**Tritanomaly**  
402318

# Monochromacy



**Original Color**  
3F2501

**Achromatopsia**  
292929

**Achromatomaly**  
31281A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F2501 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 #3F2501 looks like.

```
.text, #text, p{  
    color:#3F2501  
}
```

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 #3F2501 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F2501
}
```

## Border

The CSS property to change the border of an element to Hex 3F2501 is called "border". The border property can be set on classes, ids or directly on the HTML element.

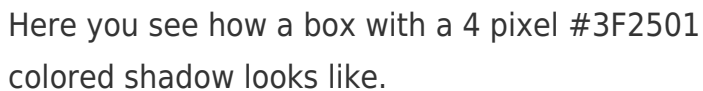
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F2501 }
```

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

```
.border{ border-color:#3F2501 }
```

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



Here you see how a box with a 4 pixel #3F2501 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F2501; -webkit-box-shadow:4px 4px  
4px 4px #3F2501; box-shadow:4px 4px 4px  
4px #3F2501 }
```

# Background

The CSS property to change the background color of an element to Hex 3F2501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F2501 }
```

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

```
.background{ background-color:#3F2501 }
```

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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