

# Converting Colors

Hex(3F2506)

Have a look what the booklet for  
Hex(3F2506) contains.

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# Color

**Hex(3F2506)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3F2506
RGB	63, 37, 6
RGB Percent	25%, 15%, 2%
CMY	0.7529, 0.8549, 0.9765
CMYK	0.00, 0.41, 0.90, 0.75
HSL	33°, 83%, 14%
HSV	33°, 90%, 25%
XYZ	2.7443, 2.3930, 0.4896
YIQ	41.2400, 25.4470, -4.1290

# Conversions

## Conversions Part 2

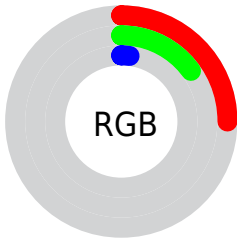
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	54, 63, 6
Decimal	4138246
CIE Lab	17.43, 9.31, 23.05
CIE LCh	17, 24.854, 68.009
Yxy	2.3930, 0.4877, 0.4253
Android (android.graphics.Color)	4282328326 (0xFF3F2506)
YUV	41.2400, -17.3733, 19.0835
Hunter-Lab	15.4695, 4.5949, 8.9523

# Details

The Hex color **3F2506** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **06203F**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **715233**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3F2200**, and if you desaturate by 10%, it is **3F280C**.

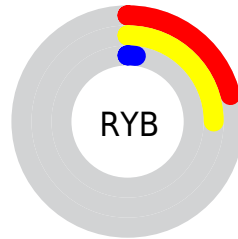
# Distribution



Red (25%)

Green (15%)

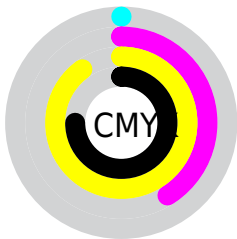
Blue (2%)



Red (21%)

Yellow (25%)

Blue (2%)

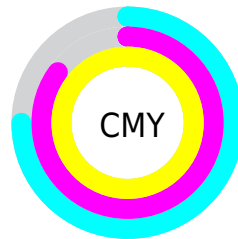


Cyan (0%)

Magenta (41%)

Yellow (90%)

Black (75%)



Cyan (75%)

Magenta (85%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F2506 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 3F2506 by changing the saturation by 10% instead.




 3F2506

 3F2506

 FFFFE8

 271100

 715233

 000000

 8C6A4A

 A78362

 C39D7B

 E0B895

 FDD4B0

 FFF0CB

 3F2506

 3F2506

■ 3F2200

■ 3F280C

■ 3F2B13

■ 3F2E19

■ 3F301F

■ 3F3325

■ 3F362C

■ 3F3932

■ 3F3C38

■ 3F3F3F

# Harmonies

## Analogous

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



491E16



3F2506



302B01

# Triad

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



3F2506



00332F



322447

# Complementary

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



3F2506



06203F

# 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.



0F2B4E



3F2506



003340

# Square

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



3F2506



00321D



00304C



441D39

# Rectangle

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



3F2506



242F07



00304C



29274A



# Sweetspot

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



3F2506



52483C



3F0621



29231C



A8A8A8



292929



# Same Dimension

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



3F2506



522C00



3D3F06



1F1D1C



5E3300



DE7900



# Inverse Universe

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



06203F



002552



08063F



1C1D1F



002B5E



0065DE



# Previews

## White Background



This preview shows how the Hex color 3F2506 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

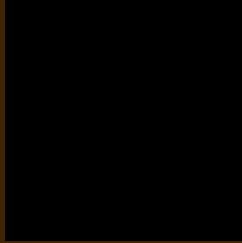
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F2506 Background



This preview shows how black text looks on a background with the Hex color 3F2506.



This preview shows how white text looks on a background with the Hex color 3F2506.

# 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**  
3F2506

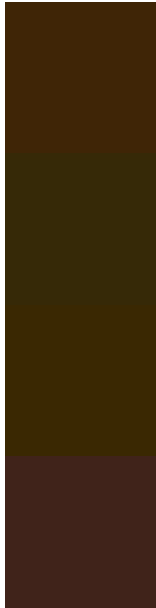
**Protanopia**  
312C08

**Deuteranopia**  
372900



**Tritanopia**  
402225

# Trichromacy



**Original Color**  
3F2506

**Protanomaly**  
362907

**Deuteranomaly**  
3A2802

**Tritanomaly**  
40231A

# Monochromacy



**Original Color**  
3F2506

**Achromatopsia**  
292929

**Achromatomaly**  
31281C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F2506 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 #3F2506 looks like.

```
.text, #text, p{  
    color:#3F2506  
}
```

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 #3F2506 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F2506  
}
```

## Border

The CSS property to change the border of an element to Hex 3F2506 is called "border". The border property can be set on classes, ids or directly on the HTML element.

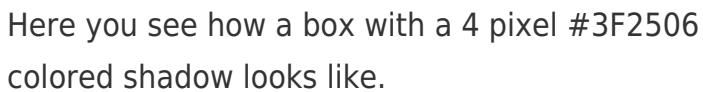
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#3F2506 }
```

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

```
.border{ border-color:#3F2506 }
```

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



Here you see how a box with a 4 pixel #3F2506 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F2506; -webkit-box-shadow:4px 4px  
4px 4px #3F2506; box-shadow:4px 4px 4px  
4px #3F2506 }
```

# Background

The CSS property to change the background color of an element to Hex 3F2506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F2506 }
```

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

```
.background{ background-color:#3F2506 }
```

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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