

# Converting Colors

Hex(3F0A0A)

Have a look what the booklet for  
Hex(3F0A0A) contains.

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**Color**

**Hex(3F0A0A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F0A0A
RGB	63, 10, 10
RGB Percent	25%, 4%, 4%
CMY	0.7529, 0.9608, 0.9608
CMYK	0.00, 0.84, 0.84, 0.75
HSL	0°, 73%, 14%
HSV	0°, 84%, 25%
XYZ	2.2132, 1.2958, 0.4206
YIQ	25.8470, 31.5880, 11.2360

# Conversions

## Conversions Part 2

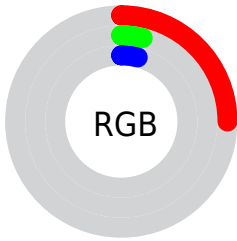
Format	Color
<a href="#">RYB</a>	<a href="#">63, 10, 10</a>
Decimal	<a href="#">4131338</a>
CIELab	<a href="#">11.25, 25.34, 13.37</a>
CIELCh	<a href="#">11, 28.653, 27.822</a>
Yxy	<a href="#">1.2958, 0.5632, 0.3297</a>
Android (android.graphics.Color)	<a href="#">4282321418</a> ( <a href="#">0xFF3F0A0A</a> )
YUV	<a href="#">25.8470, -7.8126, 32.5832</a>
Hunter-Lab	<a href="#">11.3831, 14.7853, 5.7774</a>

# Details

The Hex color **3F0A0A** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0A3F3F**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **733836**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3F0404**, and if you desaturate by 10%, it is **3F1010**.

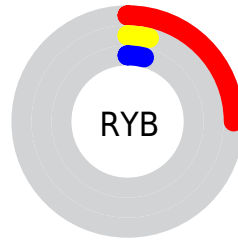
# Distribution



 Red (25%)

 Green (4%)

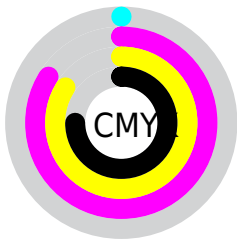
 Blue (4%)




 Red (25%)

 Yellow (4%)

 Blue (4%)

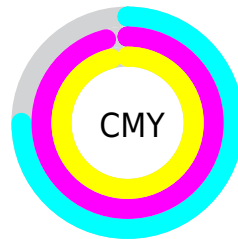



 Cyan (0%)

 Magenta (84%)

 Yellow (84%)

 Black (75%)



 Cyan (75%)

 Magenta (96%)

 Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F0A0A 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 3F0A0A by changing the saturation by 10% instead.



 3F0A0A

 3F0A0A

 FFF0EA

 290000

 733836

 000000

 8E504D

 A96964

 C6827D

 E39D97

 FFB8B2

 FFD4CE

 3F0A0A

 3F0A0A

■ 3F0404

■ 3F1010

■ 3F0000

■ 3F1717

■ 3F1D1D

■ 3F2323

■ 3F2A2A

■ 3F3030

■ 3F3636

■ 3F3C3C

■ 3F4343

# Harmonies

## Analogous

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



3F0620



3F0A0A



371400

# Triad

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



3F0A0A



002502



002145

# Complementary

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



3F0A0A



0A3F3F

# 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.



00253F



3F0A0A



00271C

# Square

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



3F0A0A



162200



002730



191941

# Rectangle

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



3F0A0A



2D1A00



002730



002344



# Sweetspot

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



3F0A0A



523D3D



3F0A3F



291D1D



A8A8A8



292929



# Same Dimension

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



3F0A0A



520000



3F250A



1F1C1C



5E0000



DE0000



# Inverse Universe

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



0A3F3F



005252



0A253F



1C1F1F



005E5E

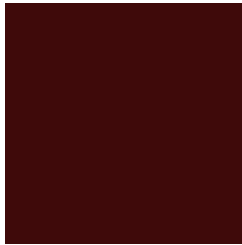


00DEDE



# Previews

## White Background



This preview shows how the Hex color 3F0A0A looks on a white background.

## Color Contrast Check

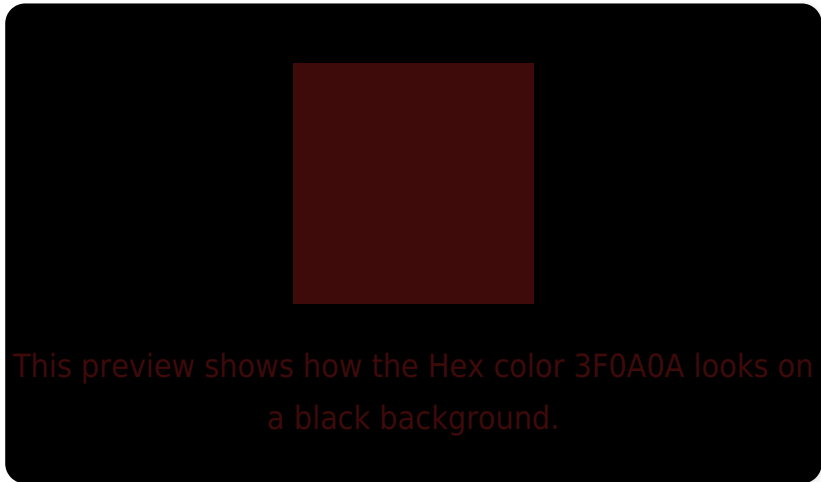
Large Text (above 18pt) WCAG AA ✓ Pass

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

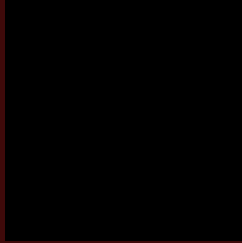
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F0A0A Background



This preview shows how black text looks on a background with the Hex color 3F0A0A.

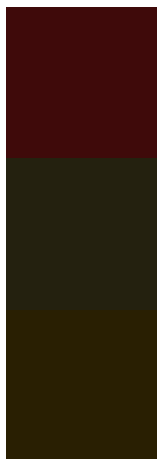


This preview shows how white text looks on a background with the Hex color 3F0A0A.

# 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**  
3F0A0A

**Protanopia**  
24210F

**Deuteranopia**  
291F02



**Tritanopia**  
3F0A09

# Trichromacy



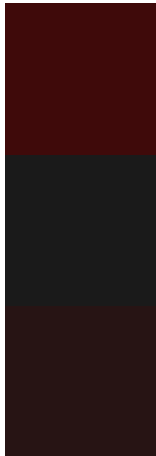
**Original Color**  
3F0A0A

**Protanomaly**  
2E190D

**Deuteranomaly**  
311705

**Tritanomaly**  
3F0A09

# Monochromacy



**Original Color**  
3F0A0A

**Achromatopsia**  
1A1A1A

**Achromatomaly**  
271414

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F0A0A 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 #3F0A0A looks like.

```
.text, #text, p{  
    color:#3F0A0A  
}
```

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 #3F0A0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F0A0A
}
```

## Border

The CSS property to change the border of an element to Hex 3F0A0A 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
#3F0A0A }
```

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

```
.border{ border-color:#3F0A0A }
```

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

Here you see how a box with a 4 pixel #3F0A0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F0A0A; -webkit-box-shadow:4px 4px  
4px 4px #3F0A0A; box-shadow:4px 4px 4px  
4px #3F0A0A }
```

# Background

The CSS property to change the background color of an element to Hex 3F0A0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F0A0A }
```

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

```
.background{ background-color:#3F0A0A }
```

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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