

# Converting Colors

Hex(3F1200)

Have a look what the booklet for  
Hex(3F1200) contains.

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**Color**

**Hex(3F1200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3F1200
RGB	63, 18, 0
RGB Percent	25%, 7%, 0%
CMY	0.7529, 0.9294, 1.0000
CMYK	0.00, 0.71, 1.00, 0.75
HSL	17°, 100%, 12%
HSV	17°, 100%, 25%
XYZ	2.2662, 1.4894, 0.1680
YIQ	29.4030, 32.5980, 3.9420

# Conversions

## Conversions Part 2

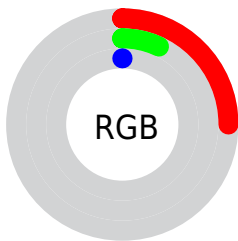
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">63, 25, 0</a>
Decimal	<a href="#">4133376</a>
CIELab	<a href="#">12.54, 20.89, 19.22</a>
CIELCh	<a href="#">13, 28.386, 42.611</a>
Yxy	<a href="#">1.4894, 0.5776, 0.3796</a>
Android (android.graphics.Color)	<a href="#">4282323456 (0xFF3F1200)</a>
YUV	<a href="#">29.4030, -14.4957, 29.4646</a>
Hunter-Lab	<a href="#">12.2040, 11.7893, 7.7264</a>

# Details

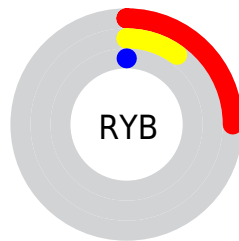
The Hex color **3F1200** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002D3F**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **723F2F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3F1200**, and if you desaturate by 10%, it is **3F1606**.

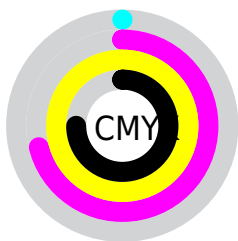
# Distribution



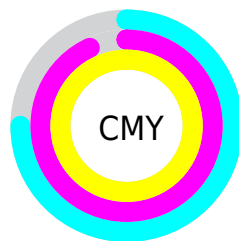
- Red (25%)
- Green (7%)
- Blue (0%)



- Red (25%)
- Yellow (10%)
- Blue (0%)



- Cyan (0%)
- Magenta (71%)
- Yellow (100%)
- Black (75%)



- Cyan (75%)
- Magenta (93%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F1200 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 3F1200 by changing the saturation by 10% instead.



 3F1200

 3F1200

 FFF7E2

 280000

 723F2F

 000000

 8D5646

 A96F5E

 C58976

 E2A390

 FFBEEA

 FFDAC6

 3F1200

■ 3F1606

■ 3F1B0D

■ 3F2013

■ 3F2419

■ 3F2920

■ 3F2D26

■ 3F322C

■ 3F3632

■ 3F3B39

# Harmonies

## Analogous

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



430A19



3F1200



331B00

# Triad

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



3F1200



002914



002047

# Complementary

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



3F1200



002D3F

# 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.



002646



3F1200



002A29

# Square

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



3F1200



0E2600



00293B



2B173E

# Rectangle

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



3F1200



282000



00293B



002348



# Sweetspot

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



3F1200



524039



3F002D



291E1A



A8A8A8



292929



# Same Dimension

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



3F1200



521700



3F3100



1F1C1C



5E1B00



DE3F00



# Inverse Universe

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



002D3F



003A52



000E3F



1C1E1F



00435E

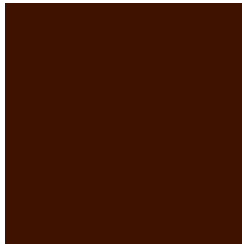


009EDE



# Previews

## White Background



This preview shows how the Hex color 3F1200 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

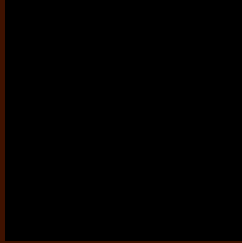
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3F1200 Background



This preview shows how black text looks on a background with the Hex color 3F1200.

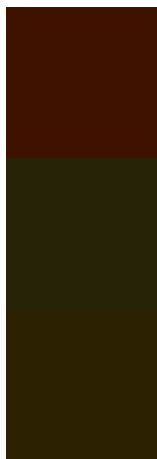


This preview shows how white text looks on a background with the Hex color 3F1200.

# 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**  
3F1200

**Protanopia**  
272307

**Deuteranopia**  
2C2100



**Tritanopia**  
3F1111

# Trichromacy



**Original Color**

3F1200

**Protanomaly**

301D04

**Deuteranomaly**

331C00

**Tritanomaly**

3F110B

# Monochromacy



**Original Color**

3F1200

**Achromatopsia**

1D1D1D

**Achromatomaly**

291912

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F1200 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 #3F1200 looks like.

```
.text, #text, p{  
    color:#3F1200  
}
```

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 #3F1200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F1200
}
```

## Border

The CSS property to change the border of an element to Hex 3F1200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

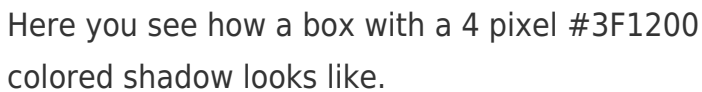
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3F1200 }
```

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

```
.border{ border-color:#3F1200 }
```

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



Here you see how a box with a 4 pixel #3F1200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F1200; -webkit-box-shadow:4px 4px  
4px 4px #3F1200; box-shadow:4px 4px 4px  
4px #3F1200 }
```

# Background

The CSS property to change the background color of an element to Hex 3F1200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F1200 }
```

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

```
.background{ background-color:#3F1200 }
```

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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