

# Converting Colors

Hex(37100F)

Have a look what the booklet for  
Hex(37100F) contains.

<b>Hex(37100F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(37100F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37100F
RGB	55, 16, 15
RGB Percent	22%, 6%, 6%
CMY	0.7843, 0.9373, 0.9412
CMYK	0.00, 0.71, 0.73, 0.78
HSL	2°, 57%, 14%
HSV	2°, 73%, 22%
XYZ	1.8471, 1.2173, 0.5895
YIQ	27.5470, 23.5650, 7.9570

# Conversions

## Conversions Part 2

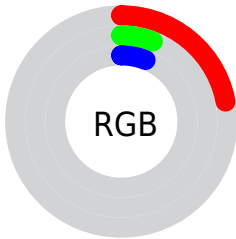
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	55, 16, 15
Decimal	3608591
CIE Lab	10.68, 19.41, 9.99
CIE LCh	11, 21.827, 27.234
Yxy	1.2173, 0.5055, 0.3331
Android (android.graphics.Color)	4281798671 (0xFF37100F)
YUV	27.5470, -6.1857, 24.0763
Hunter-Lab	11.0331, 10.5749, 4.5551

# Details

The Hex color **37100F** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0F3637**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **693C3A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **370B0A**, and if you desaturate by 10%, it is **371515**.

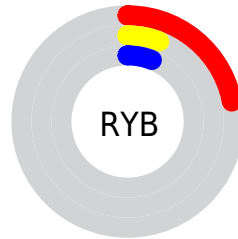
# Distribution



Red (22%)

Green (6%)

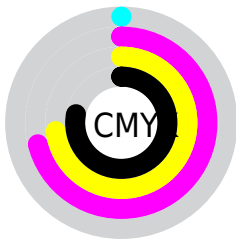
Blue (6%)



Red (22%)

Yellow (6%)

Blue (6%)

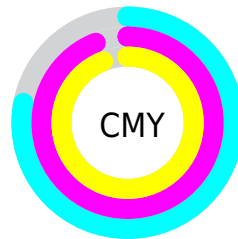


Cyan (0%)

Magenta (71%)

Yellow (73%)

Black (78%)



Cyan (78%)

Magenta (94%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 37100F 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 37100F by changing the saturation by 10% instead.



 37100F

 37100F

 FFF3EE

 230000

 693C3A

 000000

 835350

 9E6C69

 B98682

 D6A09C

 F3BBB6

 FFD7D2

 37100F

 37100F

■ 370B0A

■ 371515

■ 370504

■ 371B1A

■ 370100

■ 372020

■ 372525

■ 372B2B

■ 373030

■ 373636

■ 373B3B

■ 374041

# Harmonies

## Analogous

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



360E1F



37100F



321600

# Triad

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



37100F



032309



001F3A

# Complementary

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



37100F



0F3637

# 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.



002236



37100F



00241B

# Square

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



37100F



192000



00242A



1A1A37

# Rectangle

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



37100F



2B1A00



00242A



00203A



# Sweetspot

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



37100F



473838



370F36



241B1A



A3A3A3



242424



# Same Dimension

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



37100F



470B09



37240F



1C1919



5C0200



DB0500



# Inverse Universe

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



0F3637



094647



0F2237



191C1C



005A5C

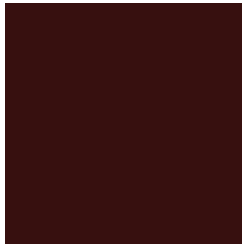


00D6DB



# Previews

## White Background



This preview shows how the Hex color 37100F looks on a white background.

## Color Contrast Check

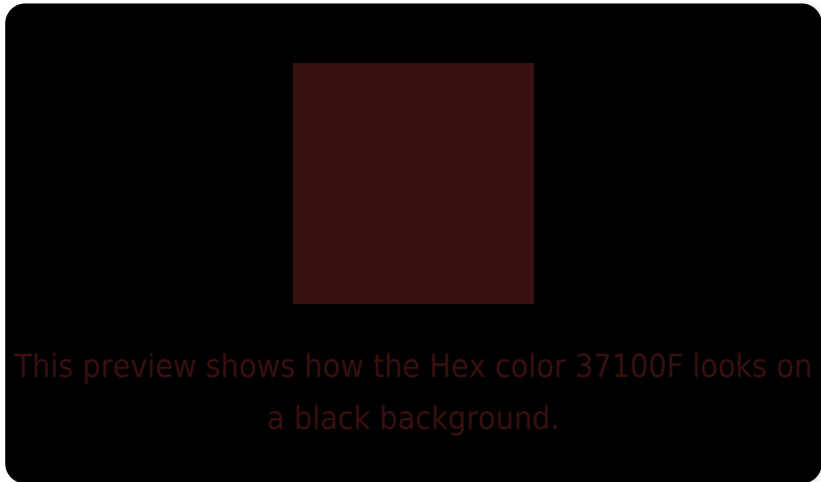
Large Text (above 18pt) WCAG AA ✓ Pass

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 37100F Background



This preview shows how black text looks on a background with the Hex color 37100F.

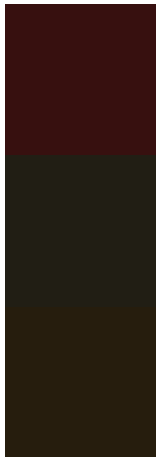


This preview shows how white text looks on a background with the Hex color 37100F.

# 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**  
37100F

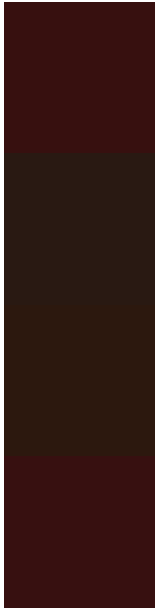
**Protanopia**  
211E14

**Deuteranopia**  
261D0D



**Tritanopia**  
371010

# Trichromacy



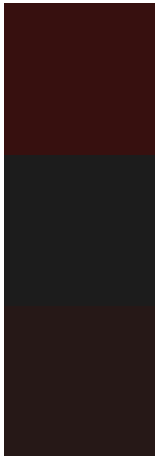
**Original Color**  
37100F

**Protanomaly**  
291912

**Deuteranomaly**  
2C180E

**Tritanomaly**  
371010

# Monochromacy



**Original Color**  
37100F

**Achromatopsia**  
1C1C1C

**Achromatomaly**  
261817

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 37100F 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 #37100F looks like.

```
.text, #text, p{  
    color:#37100F  
}
```

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 #37100F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37100F
}
```

## Border

The CSS property to change the border of an element to Hex 37100F is called "border". The border property can be set on classes, ids or directly on the HTML element.

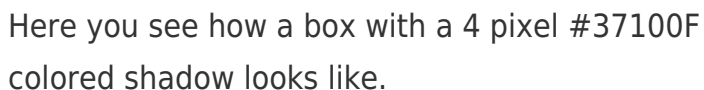
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#37100F }
```

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

```
.border{ border-color:#37100F }
```

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



Here you see how a box with a 4 pixel #37100F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37100F; -webkit-box-shadow:4px 4px  
4px 4px #37100F; box-shadow:4px 4px 4px  
4px #37100F }
```

# Background

The CSS property to change the background color of an element to Hex 37100F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37100F }
```

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

```
.background{ background-color:#37100F }
```

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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