

Converting Colors

Hex(37000F)

Have a look what the booklet for
Hex(37000F) contains.

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Color

Hex(37000F)

Conversions

Conversions Part 1

Format	Color
Hex	37000F
RGB	55, 0, 15
RGB Percent	22%, 0%, 6%
CMY	0.7843, 1.0000, 0.9412
CMYK	0.00, 1.00, 0.73, 0.78
HSL	344°, 100%, 11%
HSV	344°, 100%, 22%
XYZ	1.6618, 0.8467, 0.5278
YIQ	18.1550, 27.9650, 16.3250

Conversions

Conversions Part 2

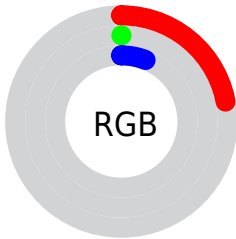
Format	Color
R_{YB}	55, 0, 15
Decimal	3604495
CIE _{Lab}	7.65, 27.84, 5.64
CIE _{LCh}	8, 28.405, 11.448
Yxy	0.8467, 0.5473, 0.2789
Android (android.graphics.Color)	4281794575 (0xFF37000F)
YUV	18.1550, -1.5554, 32.3131
Hunter-Lab	9.2017, 16.1330, 3.0405

Details

The Hex color **37000F** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **003728**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **6A2E3A**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **37000F**, and if you desaturate by 10%, it is **370513**.

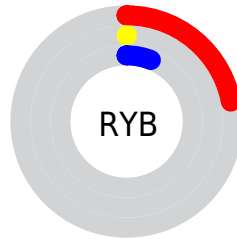
Distribution



Red (22%)

Green (0%)

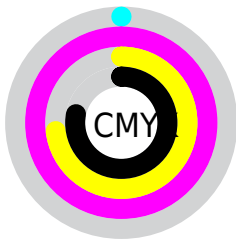
Blue (6%)



Red (22%)

Yellow (0%)

Blue (6%)

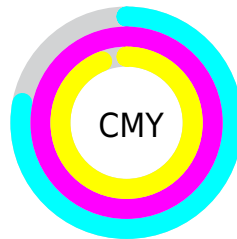


Cyan (0%)

Magenta (100%)

Yellow (73%)

Black (78%)



Cyan (78%)

Magenta (100%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37000F 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 37000F by changing the saturation by 10% instead.

 37000F

 37000F

 FFE5EE

 1F0001

 6A2E3A

 000000

 844651

 A05E69

 BB7882

 D8929C

 F5ADB7

 FFC8D2

 37000F

■ 370513

■ 370B17

■ 37111B

■ 37161F

■ 371C23

■ 372127

■ 37272B

■ 372C2F

■ 373233

Harmonies

Analogous

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



320323



37000F



330700

Triad

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



3700F



001D00



001D3B

Complementary

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



37000F



003728

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.



00202F



37000F



002005

Square

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



37000F



171800



00211E



00173C

Rectangle

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



37000F



2C0E00



00211E



001E38

Sweetspot

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



37000F



473238



270037



24171A



A3A3A3



242424

Same Dimension

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



37000F



470013



370C00



1C191A



5C0019



DB003C

Inverse Universe

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



37000F



470013



002B37



1C191A



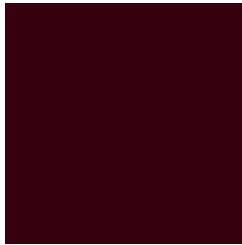
5C0019



DB003C

Previews

White Background



This preview shows how the Hex color 37000F looks on a white background.

Color Contrast Check

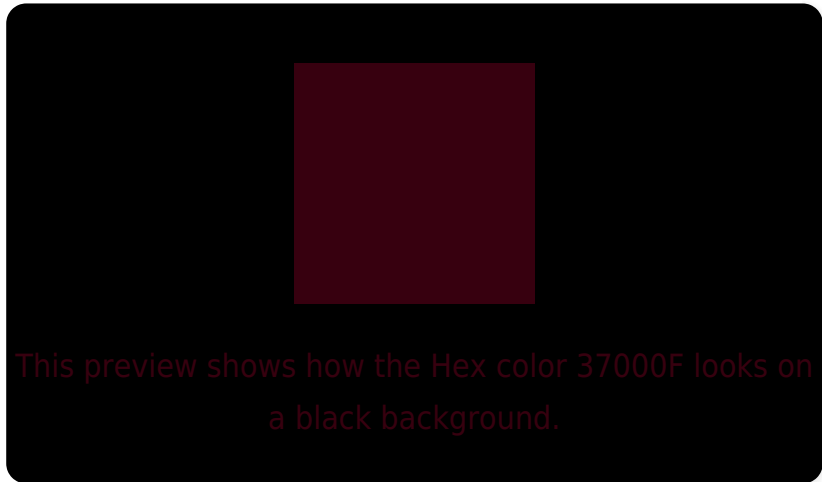
Large Text (above 18pt) WCAG AA ✓ Pass

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

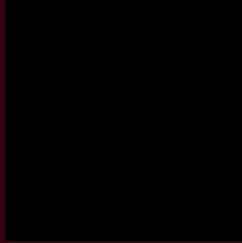
Any Text WCAG AA × Fail

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 37000F Background



This preview shows how black text looks on a background with the Hex color 37000F.



This preview shows how white text looks on a background with the Hex color 37000F.

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
37000F

Protanopia
1E1C16

Deuteranopia
231B0C



Tritanopia
370604

Trichromacy



Original Color
37000F

Protanomaly
271213

Deuteranomaly
2A110D

Tritanomaly
370408

Monochromacy



Original Color
37000F

Achromatopsia
121212

Achromatomaly
1F0B11

CSS Examples

Text

The CSS property to change the color of the text to Hex 37000F 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 #37000F looks like.

```
.text, #text, p{  
    color:#37000F  
}
```

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 #37000F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37000F
}
```

Border

The CSS property to change the border of an element to Hex 37000F is called "border". The border property can be set on classes, ids or directly on the HTML element.

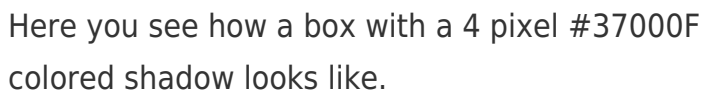
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#37000F }
```

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

```
.border{ border-color:#37000F }
```

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



Here you see how a box with a 4 pixel #37000F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37000F; -webkit-box-shadow:4px 4px  
4px 4px #37000F; box-shadow:4px 4px 4px  
4px #37000F }
```

Background

The CSS property to change the background color of an element to Hex 37000F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37000F }
```

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

```
.background{ background-color:#37000F }
```

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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