

# Converting Colors

Hex(F09337)

Have a look what the booklet for  
Hex(F09337) contains.

<b>Hex(F09337)</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(F09337)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F09337
RGB	240, 147, 55
RGB Percent	94%, 58%, 22%
CMY	0.0588, 0.4235, 0.7843
CMYK	0.00, 0.39, 0.77, 0.06
HSL	30°, 86%, 58%
HSV	30°, 77%, 94%
XYZ	47.0585, 39.6685, 8.7910
YIQ	164.3190, 84.9600, -8.8960

# Conversions

## Conversions Part 2

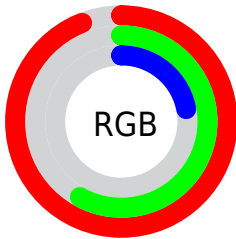
Format	Color
R <sub>Y</sub> B	240, 238, 55
Decimal	15766327
CIE Lab	69.23, 28.17, 60.51
CIE LCh	69, 66.747, 65.037
Yxy	39.6685, 0.4927, 0.4153
Android (android.graphics.Color)	4293956407 (0xFFFF09337)
YUV	164.3190, -53.8943, 66.3722
Hunter-Lab	62.9830, 23.1483, 35.8126

# Details

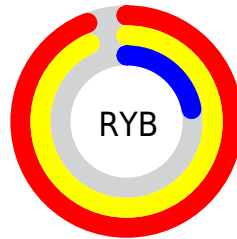
The Hex color **F09337** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **3794F0**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFC96C**, and **B26000** is the 20% darker color. If you saturate the color by 10%, you get **F0871F**, and if you desaturate by 10%, it is **F09F4F**.

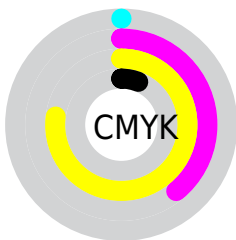
# Distribution



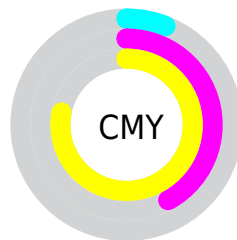
- Red (94%)
- Green (58%)
- Blue (22%)



- Red (94%)
- Yellow (93%)
- Blue (22%)



- Cyan (0%)
- Magenta (39%)
- Yellow (77%)
- Black (6%)



- Cyan (6%)
- Magenta (42%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F09337 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 F09337 by changing the saturation by 10% instead.



 F09337

 F09337

FFFFFF

 D1791A

 FFC96C

 B26000

 FFE687

 944700

 FFFFA2

 763000

 FFFFBE

 591900

 FFFFDA

 3E0100

 FFFFF7

 260001

 000000

 F09337

 F09337

 F0871F

 F09F4F

 F07B07

 F0AB67

 F07700

 F0B77F

 F0C397

 F0CFAF

 F0DBC7

 F0E7DF

 F0F4F7

 F0FFFF

# Harmonies

## Analogous

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



FF7B67



F09337



BFA91F

# Triad

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



F09337



00C6B2



B895FF

# Complementary

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



F09337



3794F0

# 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.



1CADFF



F09337



00C4ED

# Square

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



F09337



00C273



00BDFE



FA7BDD

# Rectangle

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



F09337



97B52F



00BDFF



979DFF



# Sweetspot

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



F09337



FFE2C4



F03797



806E5C



000000



808080



# Same Dimension

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



F09337



FF8812



F0ED37



78726C



B85B00



381C00



# Inverse Universe

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



3794F0



1289FF



373AF0



6C7278



005CB8



001C38



# Previews

## White Background



This preview shows how the Hex color F09337 looks on a white background.

## Color Contrast Check

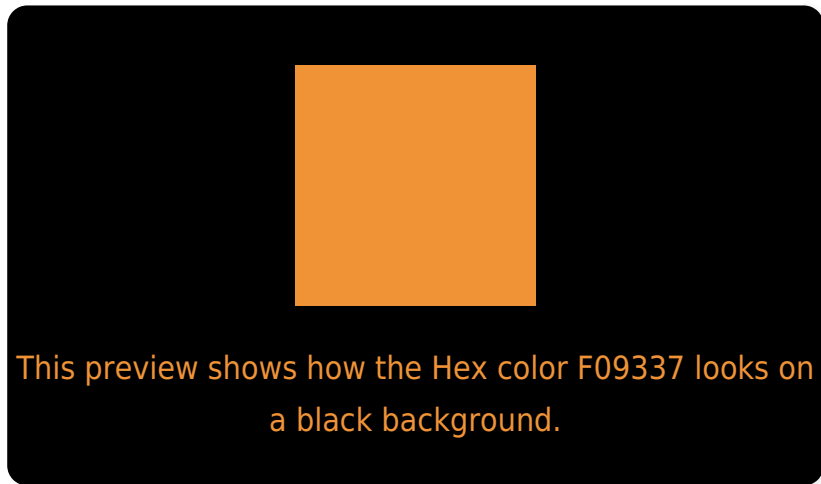
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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

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



## Hex F09337 Background



This preview shows how black text looks on a background with the Hex color F09337.



This preview shows how white text looks on a background with the Hex color F09337.

# 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**  
F09337

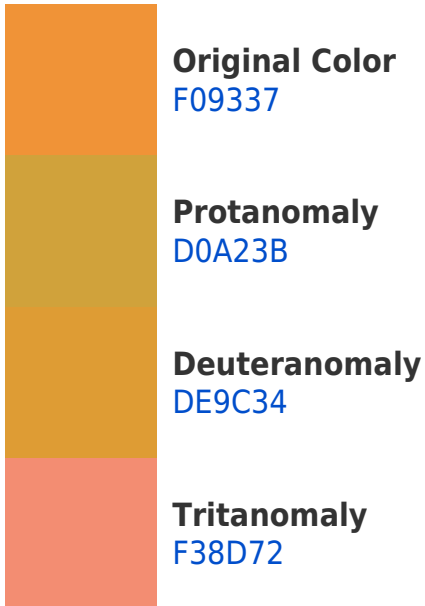
**Protanopia**  
BDAA3D

**Deuteranopia**  
D4A132



**Tritanopia**  
F58A94

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F09337 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 #F09337 looks like.

```
.text, #text, p{  
    color:#F09337  
}
```

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 #F09337 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F09337
}
```

## Border

The CSS property to change the border of an element to Hex F09337 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
#F09337 }
```

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

```
.border{ border-color:#F09337 }
```

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

Here you see how a box with a 4 pixel #F09337 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F09337; -webkit-box-shadow:4px 4px  
4px 4px #F09337; box-shadow:4px 4px 4px  
4px #F09337 }
```

# Background

The CSS property to change the background color of an element to Hex F09337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F09337 }
```

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

```
.background{ background-color:#F09337 }
```

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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