

# Converting Colors

Hex(F29137)

Have a look what the booklet for  
Hex(F29137) contains.

<b>Hex(F29137)</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(F29137)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F29137
RGB	242, 145, 55
RGB Percent	95%, 57%, 22%
CMY	0.0510, 0.4314, 0.7843
CMYK	0.00, 0.40, 0.77, 0.05
HSL	29°, 88%, 58%
HSV	29°, 77%, 95%
XYZ	47.4329, 39.4039, 8.7202
YIQ	163.7430, 86.7020, -7.4260

# Conversions

## Conversions Part 2

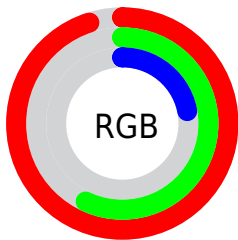
Format	Color
R <sub>Y</sub> B	242, 229, 55
Decimal	15896887
CIE Lab	69.04, 30.03, 60.42
CIE LCh	69, 67.470, 63.567
Yxy	39.4039, 0.4964, 0.4124
Android (android.graphics.Color)	4294086967 (0xFFFF29137)
YUV	163.7430, -53.6103, 68.6314
Hunter-Lab	62.7725, 25.0285, 35.7044

# Details

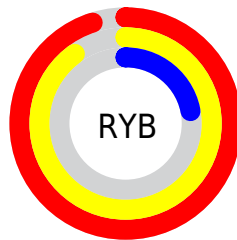
The Hex color **F29137** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **3798F2**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFC76C**, and **B45E00** is the 20% darker color. If you saturate the color by 10%, you get **F2841F**, and if you desaturate by 10%, it is **F29E4F**.

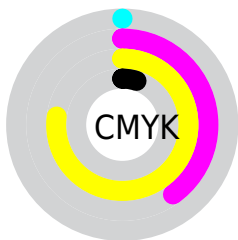
# Distribution



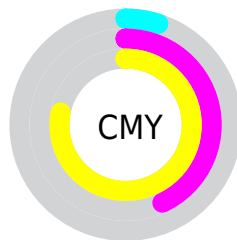
- Red (95%)
- Green (57%)
- Blue (22%)



- Red (95%)
- Yellow (90%)
- Blue (22%)



- Cyan (0%)
- Magenta (40%)
- Yellow (77%)
- Black (5%)



- Cyan (5%)
- Magenta (43%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F29137 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 F29137 by changing the saturation by 10% instead.



 F29137

 F29137

FFFFFF

 D3771B

 FFC76C

 B45E00

 FFE486

 964500

 FFFFA2

 782E00

 FFFFBE

 5B1600

 FFFFDA

 3F0000

 FFFFF7

 270001

 000000

 F29137

 F29137

 F2841F

 F29E4F

 F27807

 F2AA67

 F27400

 F2B780

 F2C398

 F2D0B0

 F2DCC8

 F2E9E0

 F2F5F9

 F2FFFF

# Harmonies

## Analogous

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



FF7968



F29137



C1A81C

# Triad

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



F29137



00C5AE



B395FF

# Complementary

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



F29137



3798F2

# 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.



00ADFF



F29137



00C4EB

# Square

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



F29137



00C26F



00BDFE



F87BE0

# Rectangle

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



F29137



99B42B



00BDFF



919EFF



# Sweetspot

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



F29137



FFE1C4



F2379B



806D5C



000000



808080



# Same Dimension

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



F29137



FF8412



F2EC37



78726C



B85800



381B00



# Inverse Universe

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



3798F2



128DFF



373DF2



6C7278



005FB8



001D38



# Previews

## White Background



This preview shows how the Hex color F29137 looks on a white background.

## Color Contrast Check

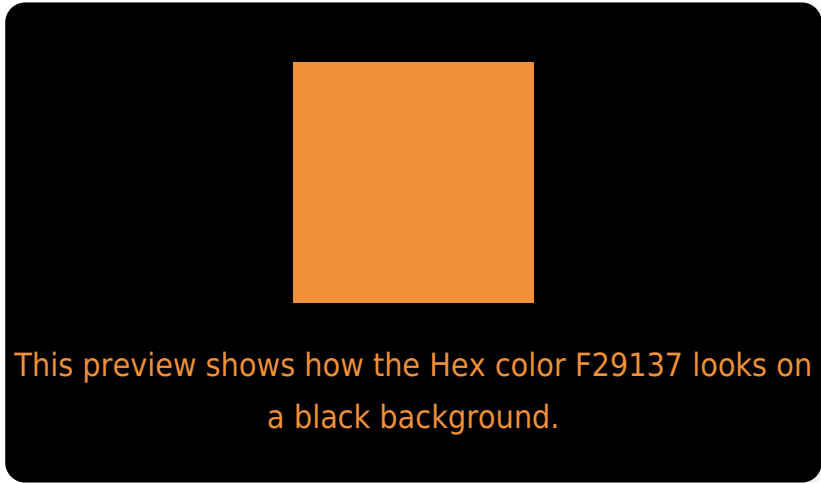
Large Text (above 18pt) WCAG AA × Fail

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 F29137 Background



This preview shows how black text looks on a background with the Hex color F29137.



This preview shows how white text looks on a background with the Hex color F29137.

# 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**  
F29137

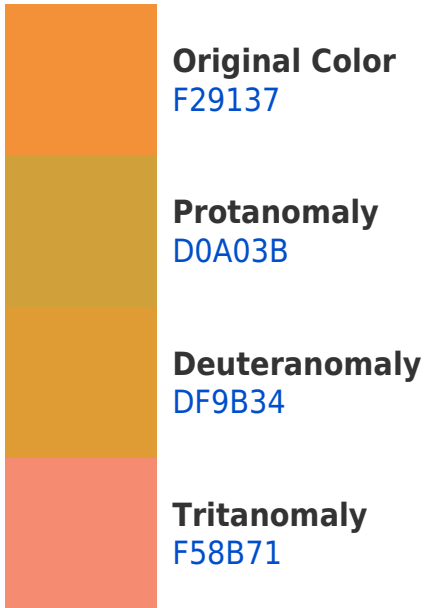
**Protanopia**  
BDA93E

**Deuteranopia**  
D4A032

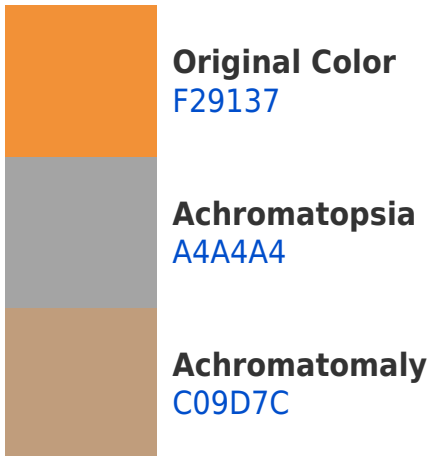


**Tritanopia**  
F78892

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F29137 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 #F29137 looks like.

```
.text, #text, p{  
    color:#F29137  
}
```

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 #F29137 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F29137
}
```

## Border

The CSS property to change the border of an element to Hex F29137 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
#F29137 }
```

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

```
.border{ border-color:#F29137 }
```

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

Here you see how a box with a 4 pixel #F29137 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F29137; -webkit-box-shadow:4px 4px  
4px 4px #F29137; box-shadow:4px 4px 4px  
4px #F29137 }
```

# Background

The CSS property to change the background color of an element to Hex F29137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F29137 }
```

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

```
.background{ background-color:#F29137 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor