

# Converting Colors

Hex(FF1732)

Have a look what the booklet for  
Hex(FF1732) contains.

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**Color**

**Hex(F1732)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF1732
RGB	255, 23, 50
RGB Percent	100%, 9%, 20%
CMY	0.0000, 0.9098, 0.8039
CMYK	0.00, 0.91, 0.80, 0.00
HSL	353°, 100%, 55%
HSV	353°, 91%, 100%
XYZ	42.1221, 22.1031, 5.0639
YIQ	95.4460, 129.6050, 57.5810

# Conversions

## Conversions Part 2

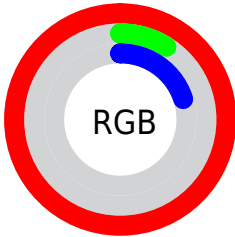
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 23, 50
Decimal	16717618
CIE Lab	54.14, 78.90, 49.00
CIE LCh	54, 92.874, 31.844
Yxy	22.1031, 0.6079, 0.3190
Android (android.graphics.Color)	4294907698 (0xFFFF1732)
YUV	95.4460, -22.4049, 139.9289
Hunter-Lab	47.0139, 77.6527, 26.5236

# Details

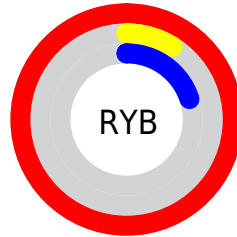
The Hex color **FF1732** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **17FFE4**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF6762**, and **BC0006** is the 20% darker color. If you saturate the color by 10%, you get **FF001E**, and if you desaturate by 10%, it is **FF3149**.

# Distribution



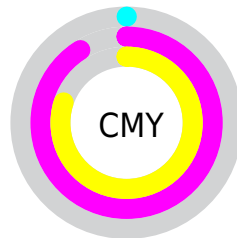
- Red (100%)
- Green (9%)
- Blue (20%)



- Red (100%)
- Yellow (9%)
- Blue (20%)



- Cyan (0%)
- Magenta (91%)
- Yellow (80%)
- Black (0%)



- Cyan (0%)
- Magenta (91%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF1732 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 FF1732 by changing the saturation by 10% instead.



 FF1732

 FF1732

FFFFFF

 DE001C

 FF6762

 BC0006

 FF867B

 9C0000

 FFA495

 7B0001

 FFC2B0

 5B0003

 FFE1CB

 3C0003

 FFFFEB

 170000

 000000

 FF1732

 FF1732

 FF001E

 FF3149

 FF4A5F

 FF6376

 FF7D8C

 FF96A3

 FFB0B9

 FFCAD0

 FFE3E6

 FFFCFD

# Harmonies

## Analogous

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



FF0080



FF1732



D75D00

# Triad

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



FF1732



009D2C



008BFF

# Complementary

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



FF1732



17FFE4

# 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.



009CFF



FF1732



00A184

# Square

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



FF1732



439400



00A2D5



7869FF

# Rectangle

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



FF1732



B07700



00A2D5



0093FF



# Sweetspot

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



FF1732



FFBAC2



E417FF



80575B



000000



808080



# Same Dimension

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



FF1732



FF001E



FF7017



807374



BF0016



400007



# Inverse Universe

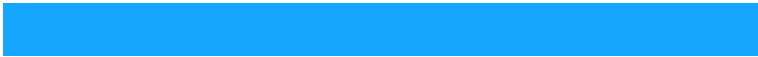
The Inverse Universe completely reimagines the original color for something new.



FF1732



FF001E



17A6FF



807374



BF0016



400007



# Previews

## White Background



This preview shows how the Hex color FF1732 looks on a white background.

## Color Contrast Check

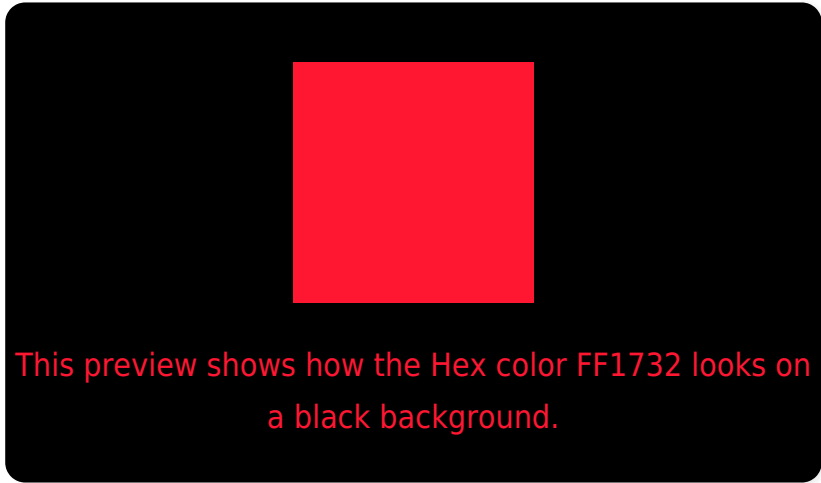
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Hex FF1732 Background



This preview shows how black text looks on a background with the Hex color FF1732.



This preview shows how white text looks on a background with the Hex color FF1732.

# 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**  
FF1732

**Protanopia**  
8E824D

**Deuteranopia**  
A47B1F



**Tritanopia**  
FF1D16

# Trichromacy



**Original Color**  
FF1732



**Protanomaly**  
B75B43



**Deuteranomaly**  
C55726



**Tritanomaly**  
FF1B20

# Monochromacy



**Original Color**  
FF1732



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
99454F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF1732 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 #FF1732 looks like.

```
.text, #text, p{  
    color:#FF1732  
}
```

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 #FF1732 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF1732
}
```

## Border

The CSS property to change the border of an element to Hex FF1732 is called "border". The border property can be set on classes, ids or directly on the HTML element.

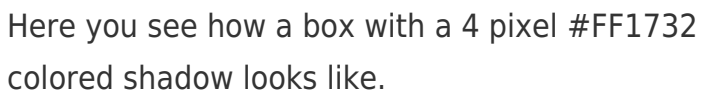
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF1732 }
```

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

```
.border{ border-color:#FF1732 }
```

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



Here you see how a box with a 4 pixel #FF1732 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF1732; -webkit-box-shadow:4px 4px  
4px 4px #FF1732; box-shadow:4px 4px 4px  
4px #FF1732 }
```

# Background

The CSS property to change the background color of an element to Hex FF1732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF1732 }
```

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

```
.background{ background-color:#FF1732 }
```

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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