

# Converting Colors

Hex(FF1011)

Have a look what the booklet for  
Hex(FF1011) contains.

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**Color**

**Hex(F01011)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF1011
RGB	255, 16, 17
RGB Percent	100%, 6%, 7%
CMY	0.0000, 0.9373, 0.9333
CMYK	0.00, 0.94, 0.93, 0.00
HSL	360°, 100%, 53%
HSV	360°, 94%, 100%
XYZ	41.5265, 21.6711, 2.5246
YIQ	87.5750, 142.1230, 50.9790

# Conversions

## Conversions Part 2

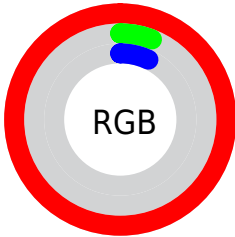
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">255, 16, 17</a>
Decimal	<a href="#">16715793</a>
CIELab	<a href="#">53.68, 79.07, 63.10</a>
CIElCh	<a href="#">54, 101.165, 38.590</a>
Yxy	<a href="#">21.6711, 0.6318, 0.3297</a>
Android (android.graphics.Color)	<a href="#">4294905873 (0xFFFF1011)</a>
YUV	<a href="#">87.5750, -34.7935, 146.8317</a>
Hunter-Lab	<a href="#">46.5522, 77.7631, 29.3712</a>

# Details

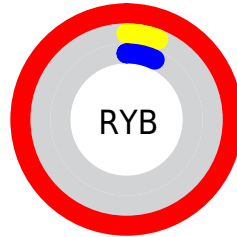
The Hex color **FF1011** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark washed red. A complement of this color would be **10FFFE**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF6445**, and **BC0000** is the 20% darker color. If you saturate the color by 10%, you get **FF0001**, and if you desaturate by 10%, it is **FF2A2A**.

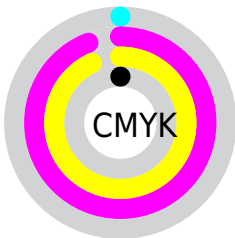
# Distribution



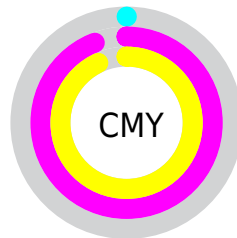
- Red (100%)
- Green (6%)
- Blue (7%)



- Red (100%)
- Yellow (6%)
- Blue (7%)



- Cyan (0%)
- Magenta (94%)
- Yellow (93%)
- Black (0%)



- Cyan (0%)
- Magenta (94%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF1011 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 FF1011 by changing the saturation by 10% instead.



 FF1011

 FF1011

FFFFFF

 DD0000

 FF6445

 BC0000

 FF835E

 9A0000

 FFA178

 790001

 FFC092

 5A0003

 FFDEAD

 3B0002

 FFFDC9

 140000

 FFFF66

 000000

 FF1011

 FF1011

 FF0001

 FF2A2A

 FF4344

 FF5D5D

 FF7677

 FF9090

 FFA9A9

 FFC3C3

 FFDCDC

 FFF6F6

# Harmonies

## Analogous

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



FF006C



FF1011



CD6300

# Triad

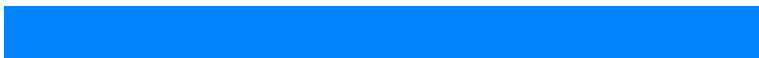
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FF1011



009F3A



0085FF

# Complementary

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



FF1011



10FFFE

# 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.



009BFF



FF1011



00A298

# Square

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



FF1011



009700



00A2ED



9858FF

# Rectangle

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



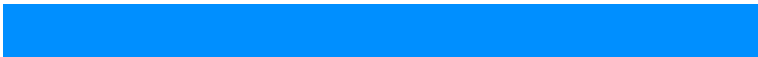
FF1011



A07C00



00A2ED



008FFF



# Sweetspot

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



FF1011



FFB8B8



FB10FF



805454



000000



808080



# Same Dimension

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



FF1011



FF0001



FF8410



807373



BF0001



400000



# Inverse Universe

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



FF1011



FF0001



108BFF



807373



BF0001



400000



# Previews

## White Background



This preview shows how the Hex color FF1011 looks on a white background.

## Color Contrast Check

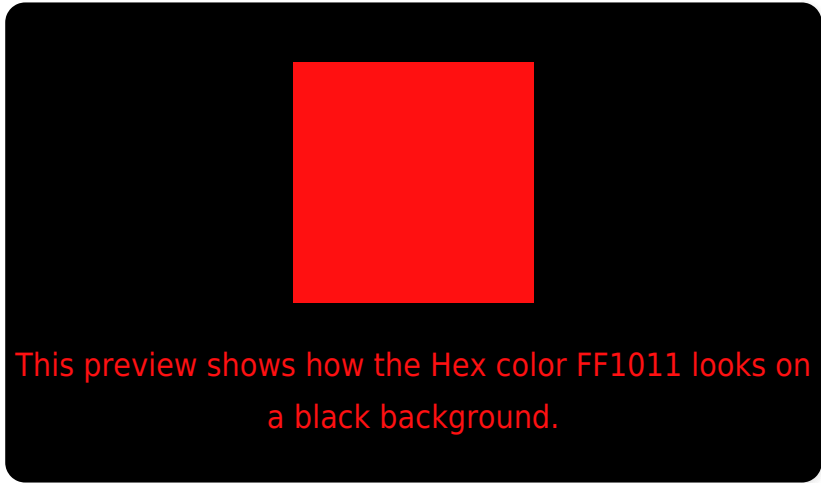
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF1011 Background



This preview shows how black text looks on a background with the Hex color FF1011.



This preview shows how white text looks on a background with the Hex color FF1011.

# 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**  
FF1011

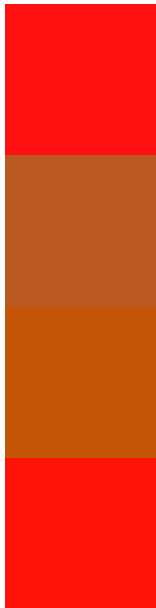
**Protanopia**  
918128

**Deuteranopia**  
A37B00



**Tritanopia**  
FE1700

# Trichromacy



**Original Color**  
FF1011

**Protanomaly**  
B95820

**Deuteranomaly**  
C45406

**Tritanomaly**  
FE1406

# Monochromacy



**Original Color**  
FF1011

**Achromatopsia**  
585858

**Achromatomaly**  
953E3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF1011 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 #FF1011 looks like.

```
.text, #text, p{  
    color:#FF1011  
}
```

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 #FF1011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF1011
}
```

## Border

The CSS property to change the border of an element to Hex FF1011 is called "border". The border property can be set on classes, ids or directly on the HTML element.

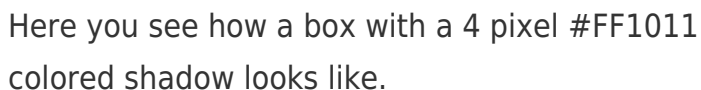
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#FF1011 }
```

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

```
.border{ border-color:#FF1011 }
```

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



Here you see how a box with a 4 pixel `#FF1011` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF1011; -webkit-box-shadow:4px 4px  
4px 4px #FF1011; box-shadow:4px 4px 4px  
4px #FF1011 }
```

# Background

The CSS property to change the background color of an element to Hex FF1011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF1011 }
```

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

```
.background{ background-color:#FF1011 }
```

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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