

# Converting Colors

Hex(FE1912)

Have a look what the booklet for  
Hex(FE1912) contains.

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**Color**

**Hex(FE1912)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE1912
RGB	254, 25, 18
RGB Percent	100%, 10%, 7%
CMY	0.0039, 0.9020, 0.9294
CMYK	0.00, 0.90, 0.93, 0.00
HSL	2°, 99%, 53%
HSV	2°, 93%, 100%
XYZ	41.3299, 21.8098, 2.6036
YIQ	92.6730, 138.7310, 46.3710

# Conversions

## Conversions Part 2

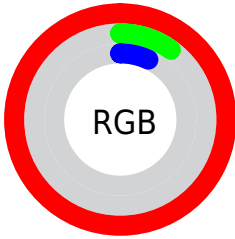
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 25, 18
Decimal	16652562
CIE <sub>Lab</sub>	53.82, 77.83, 62.77
CIE <sub>LCh</sub>	54, 99.989, 38.884
Yxy	21.8098, 0.6287, 0.3317
Android (android.graphics.Color)	4294842642 (0xFFFE1912)
YUV	92.6730, -36.8138, 141.4838
Hunter-Lab	46.7009, 76.2441, 29.3851

# Details

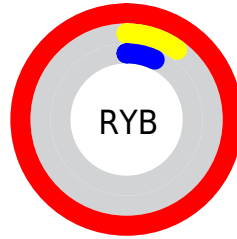
The Hex color **FE1912** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark washed red. A complement of this color would be **12F7FE**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **FF6745**, and **BB0000** is the 20% darker color. If you saturate the color by 10%, you get **FE0800**, and if you desaturate by 10%, it is **FE322B**.

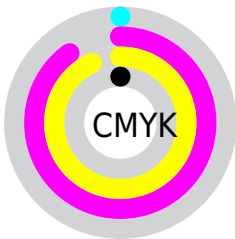
# Distribution



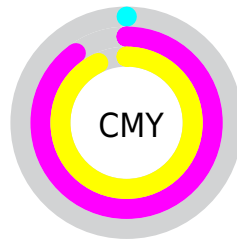
- Red (100%)
- Green (10%)
- Blue (7%)



- Red (100%)
- Yellow (10%)
- Blue (7%)



- Cyan (0%)
- Magenta (90%)
- Yellow (93%)
- Black (0%)



- Cyan (0%)
- Magenta (90%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FE1912 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 FE1912 by changing the saturation by 10% instead.



 FE1912

 FE1912

FFFFFF

 DC0000

 FF6745

 BB0000

 FF855F

 990000

 FFA479

 790001

 FFC293

 590003

 FFE0AE

 3A0002

 FFFECA

 130000

 FFFF7E

 000000

 FE1912

 FE1912

 FE0800

 FE322B

 FE4A45

 FE635E

 FE7C78

 FE9491

 FEADAA

 FEC6C4

 FEDEDD

 FEF7F7

# Harmonies

## Analogous

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



FF006C



FE1912



CD6400

# Triad

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



FE1912



009F3C



0085FF

# Complementary

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



FE1912



12F7FE

# 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



FE1912



00A299

# Square

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



FE1912



009700



00A2ED



9A58FF

# Rectangle

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



FE1912



A07D00



00A2ED



008EFF



# Sweetspot

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



FE1912



FFBAB8



FE12FA



805554



000000



808080



# Same Dimension

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



FE1912



FF0800



FE8C12



807373



BF0600



400200



# Inverse Universe

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



12F7FE



00F7FF



1284FE



737F80



00BABF



003E40



# Previews

## White Background



This preview shows how the Hex color FE1912 looks on a white background.

## Color Contrast Check

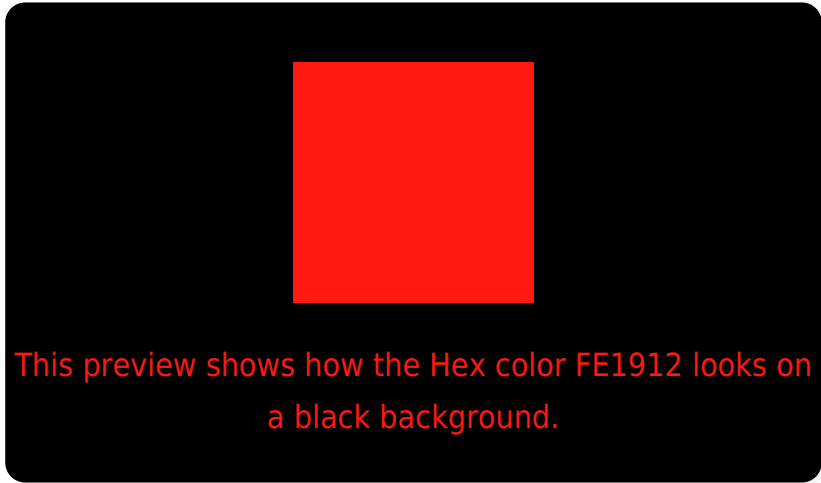
Large Text (above 18pt) WCAG AA ✓ Pass

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 FE1912 Background



This preview shows how black text looks on a background with the Hex color FE1912.



This preview shows how white text looks on a background with the Hex color FE1912.

# 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



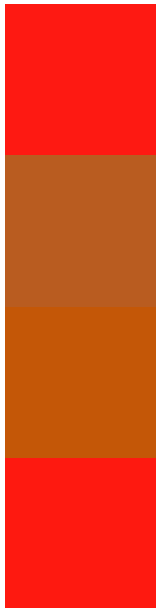
**Original Color**  
FE1912

**Protanopia**  
918228

**Deuteranopia**  
A37B00



# Trichromacy



**Original Color**  
FE1912

**Protanomaly**  
B95C20

**Deuteranomaly**  
C45707

**Tritanomaly**  
FE1910

# Monochromacy



**Original Color**  
FE1912

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
984442

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FE1912 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 #FE1912 looks like.

```
.text, #text, p{  
    color:#FE1912  
}
```

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 #FE1912 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FE1912
}
```

## Border

The CSS property to change the border of an element to Hex FE1912 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
#FE1912 }
```

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

```
.border{ border-color:#FE1912 }
```

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

Here you see how a box with a 4 pixel #FE1912 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FE1912; -webkit-box-shadow:4px 4px  
4px 4px #FE1912; box-shadow:4px 4px 4px  
4px #FE1912 }
```

# Background

The CSS property to change the background color of an element to Hex FE1912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FE1912 }
```

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

```
.background{ background-color:#FE1912 }
```

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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