

# Converting Colors

Hex(F31328)

Have a look what the booklet for  
Hex(F31328) contains.

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**Color**

**Hex(F31328)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F31328
RGB	243, 19, 40
RGB Percent	95%, 7%, 16%
CMY	0.0471, 0.9255, 0.8431
CMYK	0.00, 0.92, 0.84, 0.05
HSL	354°, 90%, 51%
HSV	354°, 92%, 95%
XYZ	37.5780, 19.6736, 3.8243
YIQ	88.3700, 126.7630, 54.0190

# Conversions

## Conversions Part 2

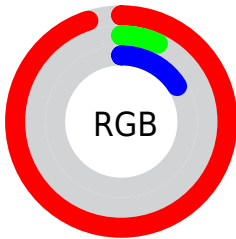
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	243, 19, 40
Decimal	15930152
CIE Lab	51.47, 76.17, 50.82
CIE LCh	51, 91.570, 33.712
Yxy	19.6736, 0.6153, 0.3221
Android (android.graphics.Color)	4294120232 (0xFFFF31328)
YUV	88.3700, -23.8464, 135.6105
Hunter-Lab	44.3550, 73.6060, 25.9365

# Details

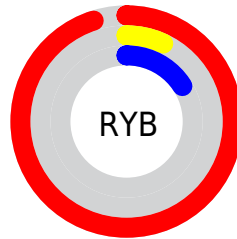
The Hex color **F31328** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **13F3DE**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **FF6357**, and **B10000** is the 20% darker color. If you saturate the color by 10%, you get **F30017**, and if you desaturate by 10%, it is **F32B3E**.

# Distribution



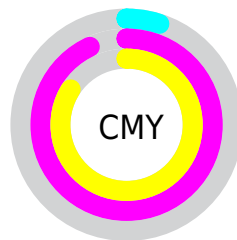
- Red (95%)
- Green (7%)
- Blue (16%)



- Red (95%)
- Yellow (7%)
- Blue (16%)



- Cyan (0%)
- Magenta (92%)
- Yellow (84%)
- Black (5%)



- Cyan (5%)
- Magenta (93%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F31328 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 F31328 by changing the saturation by 10% instead.



 F31328

 F31328

FFFFFF

 D20011

 FF6357

 B10000

 FF8170

 900000

 FF9F8A

 700001

 FFBD A5

 510004

 FFDCC0

 320002

 FFFADC

 000000

 FFFFF9

 F31328

 F31328

 F30017

 F32B3E

 F34454

 F35C6A

 F37480

 F38C96

 F3A5AC

 F3BDC2

 F3D5D8

 F3E8EE

# Harmonies

## Analogous

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



FD0075



F31328



CA5A00

# Triad

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



F31328



00962D



0083FF

# Complementary

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



F31328



13F3DE

# 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.



0094FF



F31328



009A83

# Square

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



F31328



348D00



009AD1



7A5FFF

# Rectangle

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



F31328



A37200



009AD1



008BFF



# Sweetspot

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



F31328



FFB8BE



DD13F3



805458



000000



808080



# Same Dimension

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



F31328



FF0018



F36D13



7A6E6F



BA0011



3B0005



# Inverse Universe

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



F31328



FF0018



1399F3



7A6E6F



BA0011



3B0005



# Previews

## White Background



This preview shows how the Hex color F31328 looks on a white background.

## Color Contrast Check

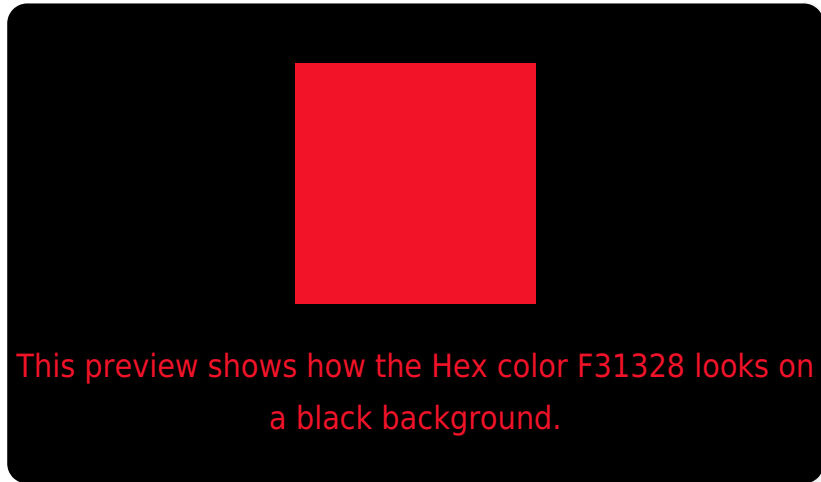
Large Text (above 18pt) WCAG AA ✓ Pass

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 F31328 Background



This preview shows how black text looks on a background with the Hex color F31328.



This preview shows how white text looks on a background with the Hex color F31328.

# 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**  
F31328

**Protanopia**  
887C40

**Deuteranopia**  
9C750C



**Tritanopia**  
F3180E

# Trichromacy



**Original Color**  
F31328

**Protanomaly**  
AF5637

**Deuteranomaly**  
BC5116

**Tritanomaly**  
F31617

# Monochromacy



**Original Color**  
F31328

**Achromatopsia**  
585858

**Achromatomaly**  
903F47

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F31328 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 #F31328 looks like.

```
.text, #text, p{  
    color:#F31328  
}
```

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 #F31328 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F31328
}
```

## Border

The CSS property to change the border of an element to Hex F31328 is called "border". The border property can be set on classes, ids or directly on the HTML element.

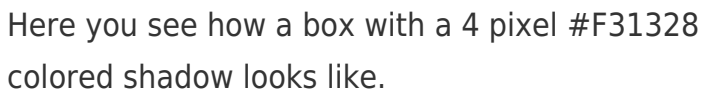
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F31328 }
```

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

```
.border{ border-color:#F31328 }
```

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



Here you see how a box with a 4 pixel #F31328 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F31328; -webkit-box-shadow:4px 4px  
4px 4px #F31328; box-shadow:4px 4px 4px  
4px #F31328 }
```

# Background

The CSS property to change the background color of an element to Hex F31328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F31328 }
```

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

```
.background{ background-color:#F31328 }
```

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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