

Converting Colors

Hex(CF0D31)

Have a look what the booklet for
Hex(CF0D31) contains.

Hex(CF0D31)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(CF0D31)

Conversions

Conversions Part 1

Format	Color
Hex	CF0D31
RGB	207, 13, 49
RGB Percent	81%, 5%, 19%
CMY	0.1882, 0.9490, 0.8078
CMYK	0.00, 0.94, 0.76, 0.19
HSL	349°, 88%, 43%
HSV	349°, 94%, 81%
XYZ	26.4304, 13.7750, 4.1715
YIQ	75.1100, 104.0680, 52.3240

Conversions

Conversions Part 2

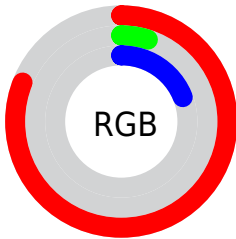
Format	Color
RYB	207, 13, 49
Decimal	13569329
CIELab	43.91, 68.13, 35.87
CIElCh	44, 76.995, 27.765
Yxy	13.7750, 0.5956, 0.3104
Android (android.graphics.Color)	4291759409 (0xFFCF0D31)
YUV	75.1100, -12.8722, 115.6675
Hunter-Lab	37.1147, 62.1643, 19.3163

Details

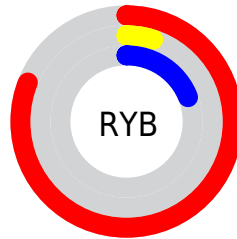
The Hex color **CF0D31** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **0DCFAB**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **FF5A5F**, and **900005** is the 20% darker color. If you saturate the color by 10%, you get **CF0026**, and if you desaturate by 10%, it is **CF2242**.

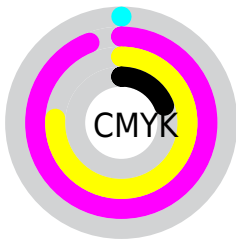
Distribution



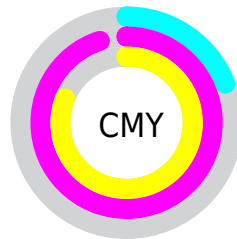
- Red (81%)
- Green (5%)
- Blue (19%)



- Red (81%)
- Yellow (5%)
- Blue (19%)



- Cyan (0%)
- Magenta (94%)
- Yellow (76%)
- Black (19%)



- Cyan (19%)
- Magenta (95%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF0D31 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 CF0D31 by changing the saturation by 10% instead.

 CF0D31

 CF0D31

FFFFFF

 AF001C

 FF5A5F

 900005

 FF7778

 700000

 FF9592

 510002

 FFB2AD

 330002

 FFCFC8

 000000

 FFEDE4

 CF0D31

 CF0D31

 CF0026

 CF2242

 CF3653

 CF4B64

 CF6074

 CF7585

 CF8996

 CF9EA7

 CFB3B8

 CFC7C9

Harmonies

Analogous

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



D10070



CF0D31



B24600

Triad

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



CF0D31



007D19



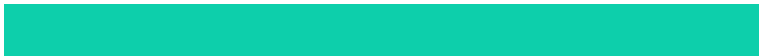
0072EA

Complementary

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



CF0D31



0DCFAB

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.



007ED5



CF0D31



008161

Square

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



CF0D31



437500



0082A2



4C59DB

Rectangle

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



CF0D31



945C00



0082A2



0078E7

Sweetspot

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



CF0D31



FFB8C5



A80DCF



80545C



000000



808080

Same Dimension

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



CF0D31



FF002F



CF470D



695E60



A8001F



290008

Inverse Universe

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



CF0D31



FF002F



0D95CF



695E60



A8001F



290008

Previews

White Background



This preview shows how the Hex color CF0D31 looks on a white background.

Color Contrast Check

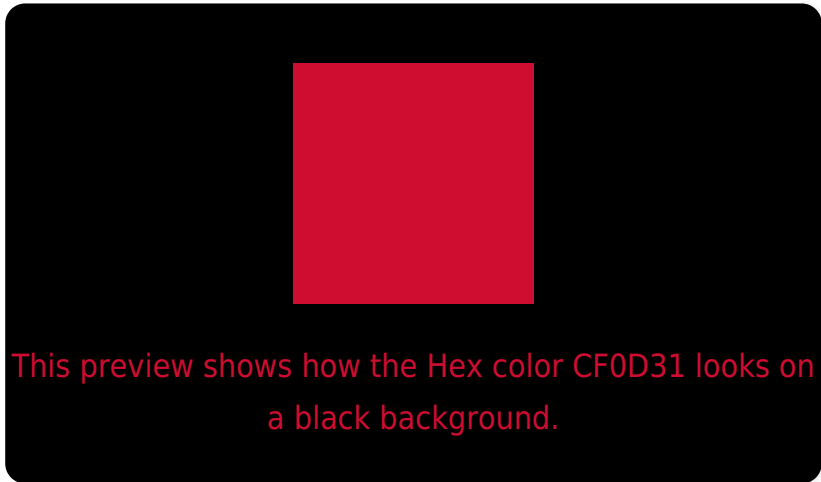
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex CF0D31 Background



This preview shows how black text looks on a background with the Hex color CF0D31.



This preview shows how white text looks on a background with the Hex color CF0D31.

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

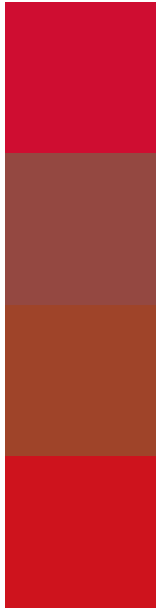


Original Color
CF0D31

Protanopia
72694A

Deuteranopia
846425

Trichromacy



Original Color
CF0D31

Protanomaly
944841

Deuteranomaly
9F4429

Tritanomaly
CE131D

Monochromacy



Original Color
CF0D31

Achromatopsia
4B4B4B

Achromatomaly
7B3442

CSS Examples

Text

The CSS property to change the color of the text to Hex CF0D31 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 #CF0D31 looks like.

```
.text, #text, p{  
    color:#CF0D31  
}
```

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 #CF0D31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF0D31
}
```

Border

The CSS property to change the border of an element to Hex CF0D31 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
#CF0D31 }
```

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

```
.border{ border-color:#CF0D31 }
```

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

Here you see how a box with a 4 pixel #CF0D31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF0D31; -webkit-box-shadow:4px 4px  
4px 4px #CF0D31; box-shadow:4px 4px 4px  
4px #CF0D31 }
```

Background

The CSS property to change the background color of an element to Hex CF0D31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF0D31 }
```

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

```
.background{ background-color:#CF0D31 }
```

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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