

# Converting Colors

Hex(CF154D)

Have a look what the booklet for  
Hex(CF154D) contains.

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# Color

**Hex(CF154D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CF154D
RGB	207, 21, 77
RGB Percent	81%, 8%, 30%
CMY	0.1882, 0.9176, 0.6980
CMYK	0.00, 0.90, 0.63, 0.19
HSL	342°, 82%, 45%
HSV	342°, 90%, 81%
XYZ	27.3398, 14.3376, 8.3476
YIQ	82.9980, 92.8800, 56.8480

# Conversions

## Conversions Part 2

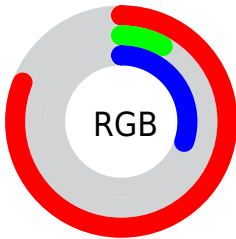
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 21, 77
Decimal	13571405
CIE Lab	44.71, 68.36, 19.71
CIE LCh	45, 71.148, 16.087
Yxy	14.3376, 0.5465, 0.2866
Android (android.graphics.Color)	4291761485 (0xFFCF154D)
YUV	82.9980, -2.9570, 108.7498
Hunter-Lab	37.8650, 62.6197, 13.4345

# Details

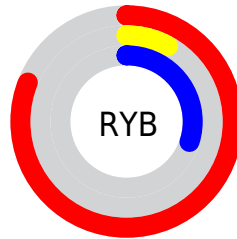
The Hex color **CF154D** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **15CF97**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **FF5D7E**, and **910022** is the 20% darker color. If you saturate the color by 10%, you get **CF003F**, and if you desaturate by 10%, it is **CF2A5B**.

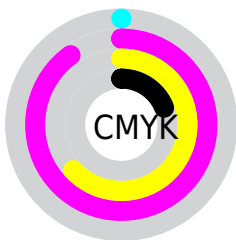
# Distribution



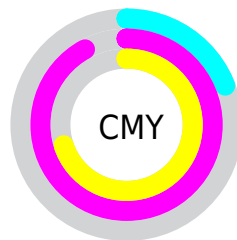
- Red (81%)
- Green (8%)
- Blue (30%)



- Red (81%)
- Yellow (8%)
- Blue (30%)



- Cyan (0%)
- Magenta (90%)
- Yellow (63%)
- Black (19%)



- Cyan (19%)
- Magenta (92%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF154D 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 CF154D by changing the saturation by 10% instead.



 CF154D

 CF154D

FFFFFF

 B00037

 FF5D7E

 910022

 FF7B97

 72000C

 FF98B2

 540002

 FFB5CD

 360002

 FFD3E9

 060000

 FFF0FF

 000000

 CF154D

 CF154D

 CF003F

 CF2A5B

 CF003E

 CF3E6A

 CF5378

 CF6887

 CF7D95

 CF91A4

 CFA6B2

 CFBBC1

 CFCFCF

# Harmonies

## Analogous

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



C31D88



CF154D



BD3E11

# Triad

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



CF154D



007C00



0079DE

# Complementary

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



CF154D



15CF97

# 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.



0081BF



CF154D



00814B

# Square

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



CF154D



637100



008389



0066DD

# Rectangle

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



CF154D



A65400



008389



007DD7



# Sweetspot

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



CF154D



FFBACF



9415CF



805763



000000



808080



# Same Dimension

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



CF154D



FF004D



CF3715



695E61



A80033



29000C



# Inverse Universe

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



CF154D



FF004D



15ADCF



695E61



A80033



29000C



# Previews

## White Background



This preview shows how the Hex color CF154D looks on a white background.

## Color Contrast Check

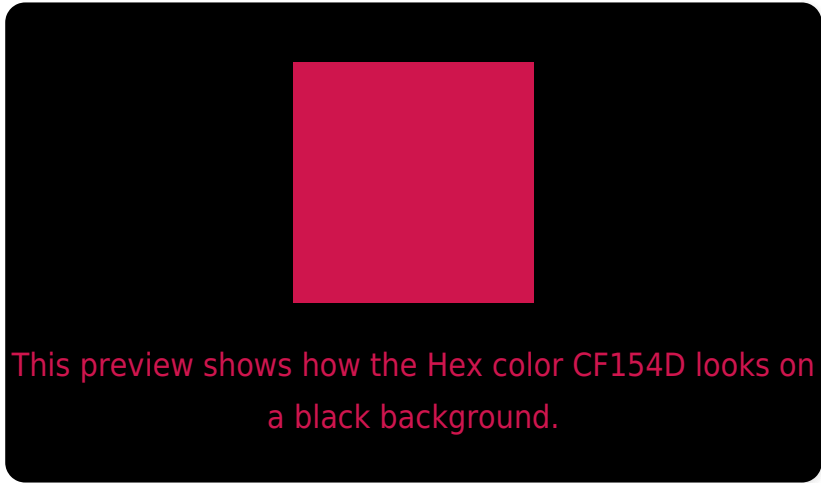
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF154D Background



This preview shows how black text looks on a background with the Hex color CF154D.



This preview shows how white text looks on a background with the Hex color CF154D.

# 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



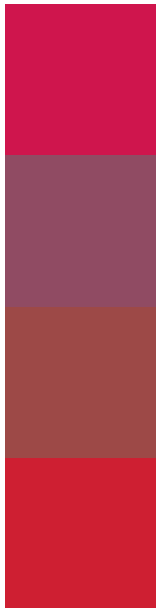
**Original Color**  
CF154D

**Protanopia**  
6C6A6F

**Deuteranopia**  
816644



# Trichromacy



**Original Color**  
CF154D

**Protanomaly**  
904B63

**Deuteranomaly**  
9D4947

**Tritanomaly**  
CE1F32

# Monochromacy



**Original Color**  
CF154D

**Achromatopsia**  
535353

**Achromatomaly**  
803C51

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF154D 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 #CF154D looks like.

```
.text, #text, p{  
    color:#CF154D  
}
```

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 #CF154D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF154D } }
```

## Border

The CSS property to change the border of an element to Hex CF154D is called "border". The border property can be set on classes, ids or directly on the HTML element.

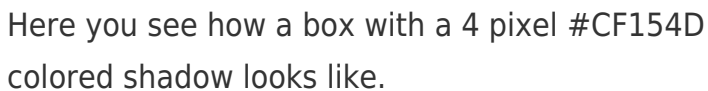
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #CF154D } }
```

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

```
.border{ border-color:#CF154D }
```

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



Here you see how a box with a 4 pixel `#CF154D` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF154D; -webkit-box-shadow:4px 4px  
4px 4px #CF154D; box-shadow:4px 4px 4px  
4px #CF154D }
```

# Background

The CSS property to change the background color of an element to Hex CF154D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF154D }
```

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

```
.background{ background-color:#CF154D }
```

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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