

# Converting Colors

Hex(CF2533)

Have a look what the booklet for  
Hex(CF2533) contains.

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# Color

**Hex(CF2533)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF2533
RGB	207, 37, 51
RGB Percent	81%, 15%, 20%
CMY	0.1882, 0.8549, 0.8000
CMYK	0.00, 0.82, 0.75, 0.19
HSL	355°, 70%, 48%
HSV	355°, 82%, 81%
XYZ	26.9912, 14.8276, 4.5714
YIQ	89.4260, 96.8260, 40.3940

# Conversions

## Conversions Part 2

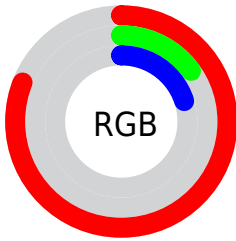
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">207, 37, 51</a>
Decimal	<a href="#">13575475</a>
CIELab	<a href="#">45.40, 64.01, 36.35</a>
CIElCh	<a href="#">45, 73.605, 29.590</a>
Yxy	<a href="#">14.8276, 0.5818, 0.3196</a>
Android (android.graphics.Color)	<a href="#">4291765555 (0xFFCF2533)</a>
YUV	<a href="#">89.4260, -18.9440, 103.1124</a>
Hunter-Lab	<a href="#">38.5066, 57.7334, 19.9159</a>

# Details

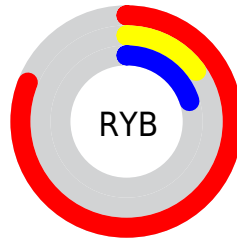
The Hex color **CF2533** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **25CFC1**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF6462**, and **900007** is the 20% darker color. If you saturate the color by 10%, you get **CF1020**, and if you desaturate by 10%, it is **CF3A46**.

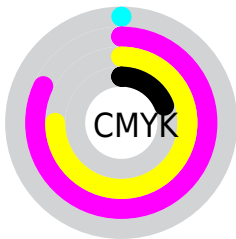
# Distribution



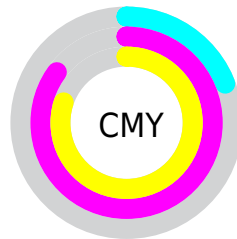
- Red (81%)
- Green (15%)
- Blue (20%)



- Red (81%)
- Yellow (15%)
- Blue (20%)



- Cyan (0%)
- Magenta (82%)
- Yellow (75%)
- Black (19%)



- Cyan (19%)
- Magenta (85%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CF2533 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 CF2533 by changing the saturation by 10% instead.



 CF2533

 CF2533

FFFFFF

 AF001E

 FF6462

 900007

 FF817B

 710000

 FF9E95

 520001

 FFBBAF

 350002

 FFD8CB

 030000

 FFF6E7

 000000

 CF2533

 CF2533

 CF1020

 CF3A46

 CF0011

 CF4E59

 CF636C

 CF787F

 CF8C92

 CFA1A5

 CFB6B8

 CFCBCB

 CFDFDE

# Harmonies

## Analogous

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



D2006F



CF2533



B24E00

# Triad

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



CF2533



008126



0074E8

# Complementary

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



CF2533



25CFC1

# 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.



0081D6



CF2533



008569

# Square

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



CF2533



457900



0085A7



5E5BD8

# Rectangle

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



CF2533



956100



0085A7



007AE6



# Sweetspot

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



CF2533



FFBFC4



C125CF



80595C



000000



808080



# Same Dimension

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



CF2533



FF0317



CF6C25



695E5F



A8000E



290003



# Inverse Universe

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



CF2533



FF0317



2588CF



695E5F



A8000E



290003



# Previews

## White Background



This preview shows how the Hex color CF2533 looks on a white background.

## Color Contrast Check

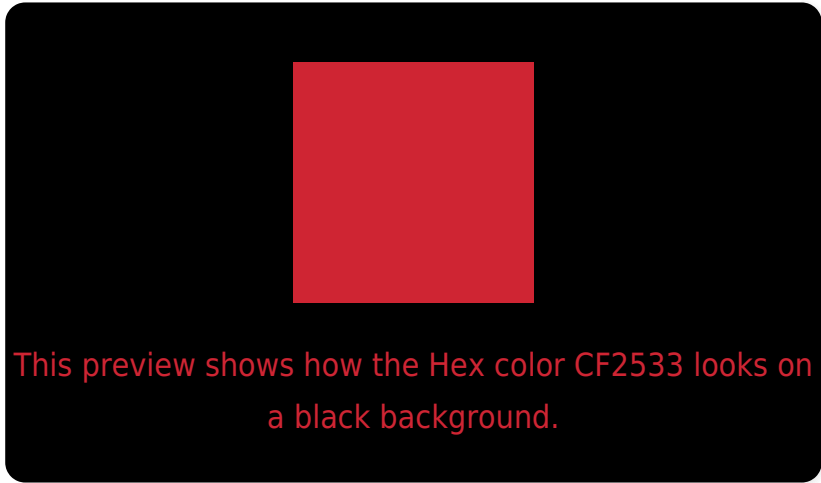
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF2533 Background



This preview shows how black text looks on a background with the Hex color CF2533.

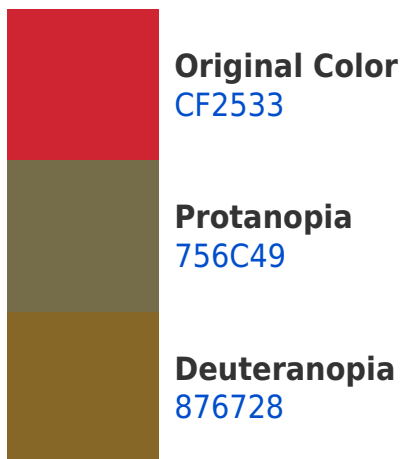


This preview shows how white text looks on a background with the Hex color CF2533.

# 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





# Trichromacy



**Original Color**  
CF2533

**Protanomaly**  
965241

**Deuteranomaly**  
A14F2C

**Tritanomaly**  
CF262B

# Monochromacy



**Original Color**  
CF2533

**Achromatopsia**  
595959

**Achromatomaly**  
84464B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CF2533 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 #CF2533 looks like.

```
.text, #text, p{  
    color:#CF2533  
}
```

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 #CF2533 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF2533
}
```

## Border

The CSS property to change the border of an element to Hex CF2533 is called "border". The border property can be set on classes, ids or directly on the HTML element.

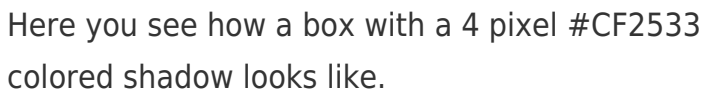
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CF2533 }
```

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

```
.border{ border-color:#CF2533 }
```

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



Here you see how a box with a 4 pixel `#CF2533` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF2533; -webkit-box-shadow:4px 4px  
4px 4px #CF2533; box-shadow:4px 4px 4px  
4px #CF2533 }
```

# Background

The CSS property to change the background color of an element to Hex CF2533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF2533 }
```

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

```
.background{ background-color:#CF2533 }
```

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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