

Converting Colors

Hex(CF253A)

Have a look what the booklet for
Hex(CF253A) contains.

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Color

Hex(CF253A)

Conversions

Conversions Part 1

Format	Color
Hex	CF253A
RGB	207, 37, 58
RGB Percent	81%, 15%, 23%
CMY	0.1882, 0.8549, 0.7725
CMYK	0.00, 0.82, 0.72, 0.19
HSL	353°, 70%, 48%
HSV	353°, 82%, 81%
XYZ	27.1574, 14.8940, 5.4465
YIQ	90.2240, 94.5790, 42.5710

Conversions

Conversions Part 2

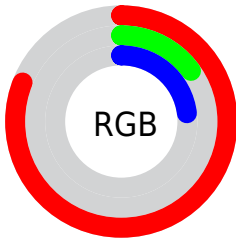
Format	Color
R_{YB}	207, 37, 58
Decimal	13575482
CIE Lab	45.49, 64.28, 32.32
CIE LCh	45, 71.953, 26.695
Yxy	14.8940, 0.5718, 0.3136
Android (android.graphics.Color)	4291765562 (0xFFCF253A)
YUV	90.2240, -15.8864, 102.4126
Hunter-Lab	38.5928, 58.0716, 18.6475

Details

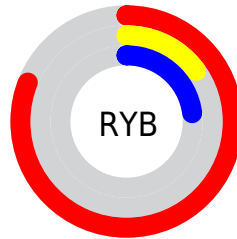
The Hex color **CF253A** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark muted red. A complement of this color would be **25CFBA**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **FF6569**, and **900010** is the 20% darker color. If you saturate the color by 10%, you get **CF1028**, and if you desaturate by 10%, it is **CF3A4C**.

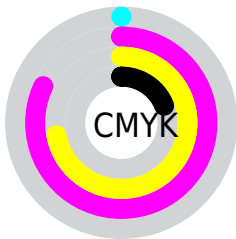
Distribution



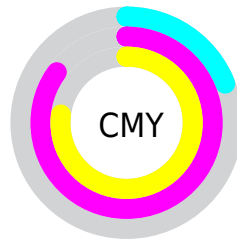
- Red (81%)
- Green (15%)
- Blue (23%)



- Red (81%)
- Yellow (15%)
- Blue (23%)



- Cyan (0%)
- Magenta (82%)
- Yellow (72%)
- Black (19%)



- Cyan (19%)
- Magenta (85%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF253A 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 CF253A by changing the saturation by 10% instead.

 CF253A

 CF253A

FFFFFF

 AF0024

 FF6569

 900010

 FF8182

 710000

 FF9E9C

 530001

 FFBBB7

 360002

 FFD8D3

 050000

 FFF6EF

 000000

 CF253A

 CF253A

 CF1028

 CF3A4C

 CF001A

 CF4E5E

 CF6370

 CF7883

 CF8C95

 CFA1A7

 CFB6B9

 CFCBCB

 CFDFDD

Harmonies

Analogous

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



CF1075



CF253A



B54C00

Triad

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



CF253A



008021



0076E5

Complementary

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



CF253A



25CFBA

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.



0081D1



CF253A



008463

Square

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



CF253A



4E7800



0085A0



525FD9

Rectangle

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



CF253A



995F00



0085A0



007BE2

Sweetspot

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



CF253A



FFBFC7



B825CF



80595E



000000



808080

Same Dimension

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



CF253A



FF0322



CF6325



695E5F



A80015



290005

Inverse Universe

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



CF253A



FF0322



2591CF



695E5F



A80015



290005

Previews

White Background



This preview shows how the Hex color CF253A looks on a white background.

Color Contrast Check

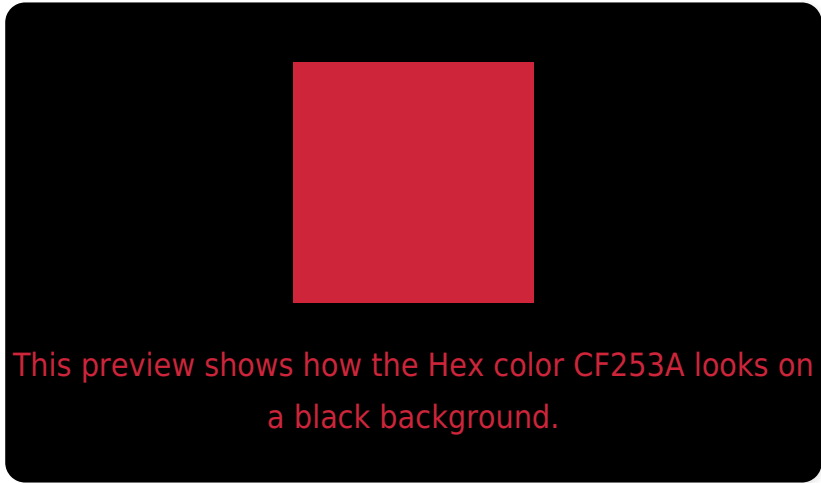
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF253A Background



This preview shows how black text looks on a background with the Hex color CF253A.



This preview shows how white text looks on a background with the Hex color CF253A.

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
CF253A

Protanopia
746D52

Deuteranopia
876730

Trichromacy



Original Color
CF253A

Protanomaly
955349

Deuteranomaly
A14F34

Tritanomaly
CE282F

Monochromacy



Original Color
CF253A

Achromatopsia
5A5A5A

Achromatomaly
85474E

CSS Examples

Text

The CSS property to change the color of the text to Hex CF253A 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 #CF253A looks like.

```
.text, #text, p{  
    color:#CF253A  
}
```

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 #CF253A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF253A
}
```

Border

The CSS property to change the border of an element to Hex CF253A 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
#CF253A }
```

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

```
.border{ border-color:#CF253A }
```

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

Here you see how a box with a 4 pixel #CF253A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF253A; -webkit-box-shadow:4px 4px  
4px 4px #CF253A; box-shadow:4px 4px 4px  
4px #CF253A }
```

Background

The CSS property to change the background color of an element to Hex CF253A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF253A }
```

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

```
.background{ background-color:#CF253A }
```

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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