

Converting Colors

Hex(CF584E)

Have a look what the booklet for
Hex(CF584E) contains.

Hex(CF584E)	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(CF584E)

Conversions

Conversions Part 1

Format	Color
Hex	CF584E
RGB	207, 88, 78
RGB Percent	81%, 35%, 31%
CMY	0.1882, 0.6549, 0.6941
CMYK	0.00, 0.57, 0.62, 0.19
HSL	5°, 57%, 56%
HSV	5°, 62%, 81%
XYZ	30.5970, 20.7949, 9.6089
YIQ	122.4410, 74.1340, 22.1180

Conversions

Conversions Part 2

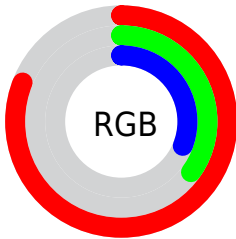
Format	Color
RYB	207, 89, 78
Decimal	13588558
CIELab	52.72, 46.45, 29.45
CIElCh	53, 54.998, 32.372
Yxy	20.7949, 0.5016, 0.3409
Android (android.graphics.Color)	4291778638 (0xFFCF584E)
YUV	122.4410, -21.9094, 74.1582
Hunter-Lab	45.6014, 39.9649, 19.4277

Details

The Hex color **CF584E** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **4EC5CF**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF8E7F**, and **932221** is the 20% darker color. If you saturate the color by 10%, you get **CF4539**, and if you desaturate by 10%, it is **CF6B63**.

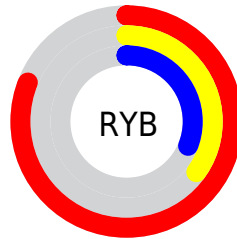
Distribution



Red (81%)

Green (35%)

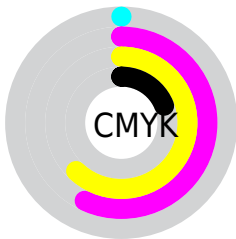
Blue (31%)



Red (81%)

Yellow (35%)

Blue (31%)

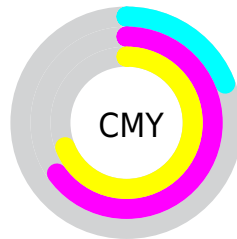


Cyan (0%)

Magenta (57%)

Yellow (62%)

Black (19%)



Cyan (19%)

Magenta (65%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF584E 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 CF584E by changing the saturation by 10% instead.

 CF584E

 CF584E

FFFFFF

 B13D37

 FF8E7F

 932221

 FFA999

 75000C

 FFC5B4

 580000

 FFE2D0

 3D0001

 FFFFEC

 1C0001

 000000

 CF584E

 CF584E

 CF4539

 CF6B63

 CF3225

 CF7E77

 CF1F10

 CF918C

 CF1000

 CFA4A1

 CFB7B6

 CFCBCA

 CFDEDF

 CFF1F4

 CFFFFFF

Harmonies

Analogous

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



D1507C



CF584E



B86B27

Triad

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



CF584E



009150



0082DD

Complementary

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



CF584E



4EC5CF

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.



008ED1



CF584E



009480

Square

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



CF584E



628A26



0093AF



8370CE

Rectangle

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



CF584E



A07714



0093AF



0087DC

Sweetspot

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



CF584E



FFD2CF



CF4EC6



806462



000000



808080

Same Dimension

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



CF584E



FF4F40



CF974E



695F5E



A80D00



290300

Inverse Universe

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



4EC5CF



40FOFF



4E86CF



5E6869



009BA8



002629

Previews

White Background



This preview shows how the Hex color CF584E looks on a white background.

Color Contrast Check

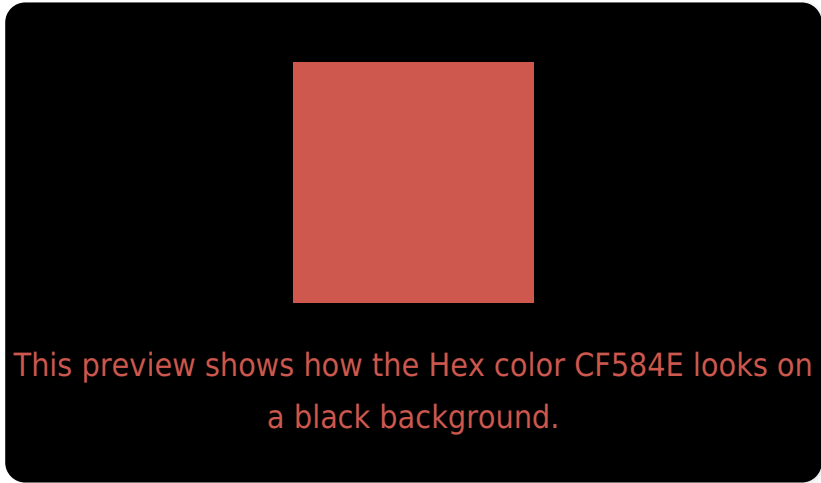
Large Text (above 18pt) WCAG AA ✓ Pass

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 CF584E Background



This preview shows how black text looks on a background with the Hex color CF584E.



This preview shows how white text looks on a background with the Hex color CF584E.

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
CF584E

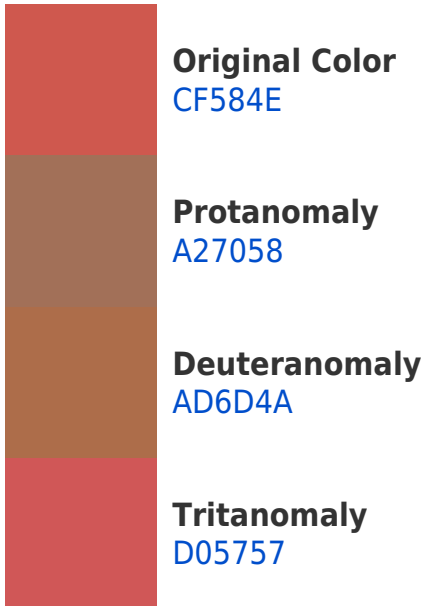
Protanopia
887E5D

Deuteranopia
9A7948

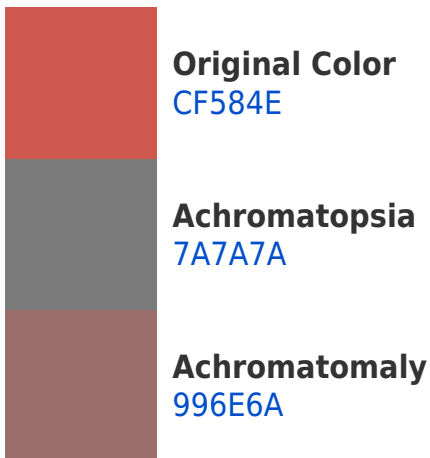


Tritanopia
D0565C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CF584E 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 #CF584E looks like.

```
.text, #text, p{  
    color:#CF584E  
}
```

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 #CF584E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF584E
}
```

Border

The CSS property to change the border of an element to Hex CF584E 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
#CF584E }
```

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

```
.border{ border-color:#CF584E }
```

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

Here you see how a box with a 4 pixel #CF584E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF584E; -webkit-box-shadow:4px 4px  
4px 4px #CF584E; box-shadow:4px 4px 4px  
4px #CF584E }
```

Background

The CSS property to change the background color of an element to Hex CF584E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF584E }
```

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

```
.background{ background-color:#CF584E }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor