

# Converting Colors

Hex(C13D5F)

Have a look what the booklet for  
Hex(C13D5F) contains.

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# Color

**Hex(C13D5F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C13D5F
RGB	193, 61, 95
RGB Percent	76%, 24%, 37%
CMY	0.2431, 0.7608, 0.6275
CMYK	0.00, 0.68, 0.51, 0.24
HSL	345°, 52%, 50%
HSV	345°, 68%, 76%
XYZ	25.7266, 15.5012, 12.4626
YIQ	104.3440, 67.7580, 38.5580

# Conversions

## Conversions Part 2

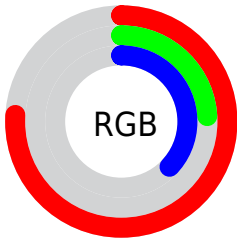
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	193, 61, 95
Decimal	12664159
CIE <sub>Lab</sub>	46.31, 54.84, 10.33
CIE <sub>LCh</sub>	46, 55.807, 10.668
Yxy	15.5012, 0.4792, 0.2887
Android (android.graphics.Color)	4290854239 (0xFFC13D5F)
YUV	104.3440, -4.6066, 77.7513
Hunter-Lab	39.3715, 47.7375, 8.7926

# Details

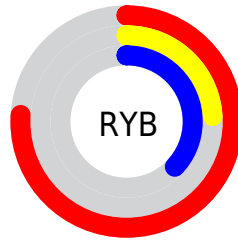
The Hex color **C13D5F** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **3DC19F**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **FE7591**, and **860031** is the 20% darker color. If you saturate the color by 10%, you get **C12A51**, and if you desaturate by 10%, it is **C1506D**.

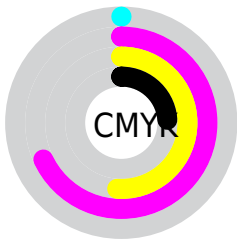
# Distribution



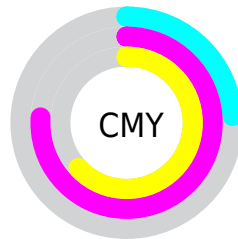
- Red (76%)
- Green (24%)
- Blue (37%)



- Red (76%)
- Yellow (24%)
- Blue (37%)



- Cyan (0%)
- Magenta (68%)
- Yellow (51%)
- Black (24%)



- Cyan (24%)
- Magenta (76%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C13D5F 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 C13D5F by changing the saturation by 10% instead.



 C13D5F

 C13D5F

FFFFFF

 A31D48

 FE7591

 860031

 FF90AC

 69001D

 FFACC7

 4D0001

 FFC9E3

 310002

 FFE6FF

 000000

 C13D5F

 C13D5F

 C12A51

 C1506D

 C11642

 C1647C

 C10334

 C1778A

 C10032

 C18A98

 C19EA7

 C1B1B5

 C1C4C3

 C1D7D2

 C1EBE0

# Harmonies

## Analogous

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



B2448E



C13D5F



B84C33

# Triad

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



C13D5F



407C1F



007BC6

# Complementary

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



C13D5F



3DC19F

# 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.



0082AA



C13D5F



00814D

# Square

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



C13D5F



757100



00837E



136ECA

# Rectangle

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



C13D5F



A75917



00837E



007EBF



# Sweetspot

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



C13D5F



FAC5D3



9E3DC1



7D5E66



FCFCFC



7D7D7D



# Same Dimension

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



C13D5F



FA2D62



C15C3D



61575A



A10029



210009



# Inverse Universe

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



C13D5F



FA2D62



3DA2C1



61575A



A10029



210009



# Previews

## White Background



This preview shows how the Hex color C13D5F looks on a white background.

## Color Contrast Check

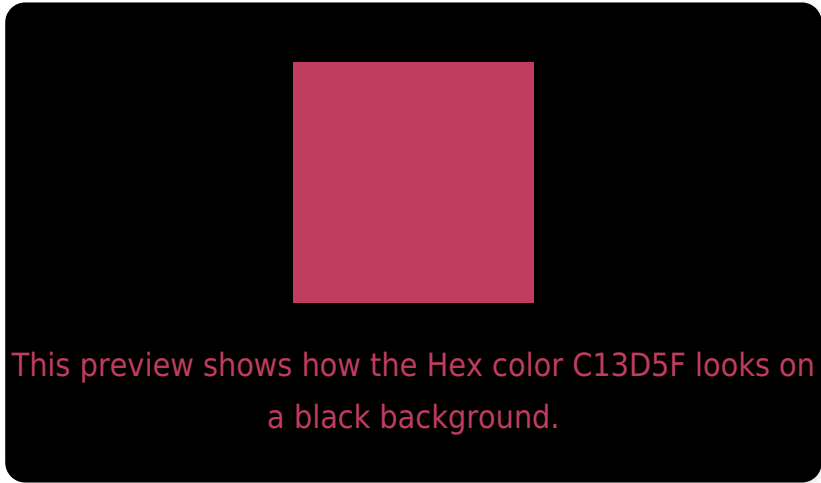
Large Text (above 18pt) WCAG AA ✓ Pass

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 C13D5F Background



This preview shows how black text looks on a background with the Hex color C13D5F.

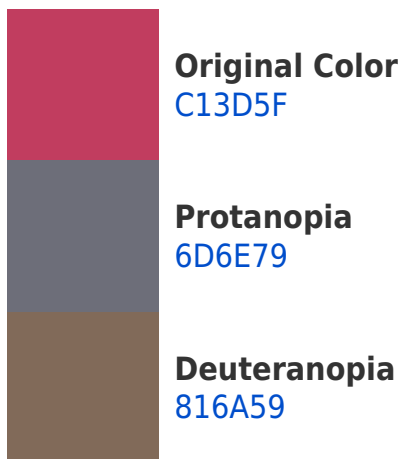


This preview shows how white text looks on a background with the Hex color C13D5F.

# 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](#).

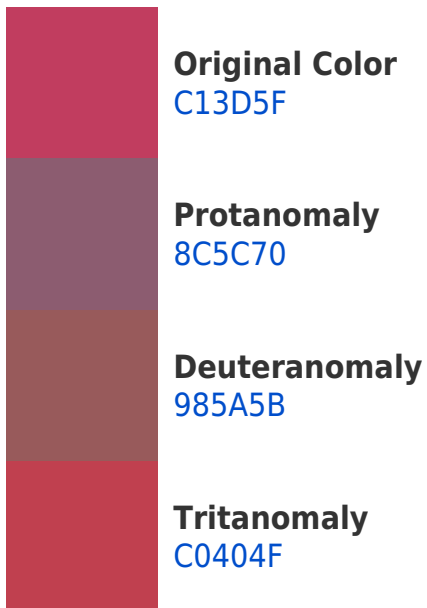
## Dichromacy



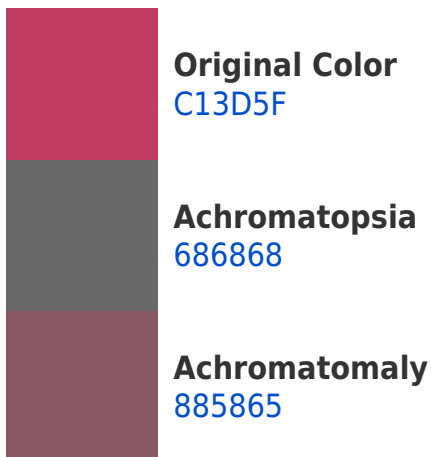


**Tritanopia**  
C04246

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C13D5F 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 #C13D5F looks like.

```
.text, #text, p{  
    color:#C13D5F  
}
```

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 #C13D5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C13D5F
}
```

## Border

The CSS property to change the border of an element to Hex C13D5F 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
#C13D5F }
```

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

```
.border{ border-color:#C13D5F }
```

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

Here you see how a box with a 4 pixel #C13D5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C13D5F; -webkit-box-shadow:4px 4px  
4px 4px #C13D5F; box-shadow:4px 4px 4px  
4px #C13D5F }
```

# Background

The CSS property to change the background color of an element to Hex C13D5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C13D5F }
```

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

```
.background{ background-color:#C13D5F }
```

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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