

# Converting Colors

Hex(D8C13F)

Have a look what the booklet for  
Hex(D8C13F) contains.

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# **Color**

**Hex(D8C13F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8C13F
RGB	216, 193, 63
RGB Percent	85%, 76%, 25%
CMY	0.1529, 0.2431, 0.7529
CMYK	0.00, 0.11, 0.71, 0.15
HSL	51°, 66%, 55%
HSV	51°, 71%, 85%
XYZ	48.2861, 53.0977, 12.4066
YIQ	185.0570, 55.4380, -35.5540

# Conversions

## Conversions Part 2

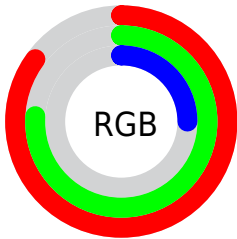
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 216, 63
Decimal	14205247
CIELab	77.93, -5.92, 64.99
CIELCh	78, 65.262, 95.205
Yxy	53.0977, 0.4243, 0.4666
Android (android.graphics.Color)	4292395327 (0xFFD8C13F)
YUV	185.0570, -60.1741, 27.1370
Hunter-Lab	72.8682, -9.2364, 40.9130

# Details

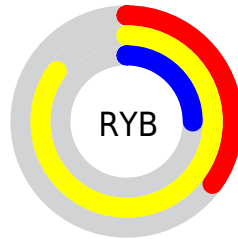
The Hex color **D8C13F** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **3F56D8**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFF976**, and **9D8C00** is the 20% darker color. If you saturate the color by 10%, you get **D8BE29**, and if you desaturate by 10%, it is **D8C455**.

# Distribution



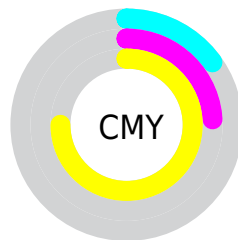
- Red (85%)
- Green (76%)
- Blue (25%)



- Red (35%)
- Yellow (85%)
- Blue (25%)



- Cyan (0%)
- Magenta (11%)
- Yellow (71%)
- Black (15%)



- Cyan (15%)
- Magenta (24%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D8C13F 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 D8C13F by changing the saturation by 10% instead.



 D8C13F

 D8C13F


FFFFFF

 BAA620

 FFF976

 9D8C00

 FFFF92

 817300

 FFFFAE

 665A00

 FFFFCA

 4A4300

 FFFFEE

 302D00

 181900

 000000

 D8C13F

 D8C13F

 D8BE29

 D8C455

 D8BB14

 D8C76A

 D8B800

 D8CB80

 D8CE95

 D8D1AB

 D8D4C1

 D8D8D6

 D8DBEC

 D8DEFF

# Harmonies

## Analogous

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



FFAB51



D8C13F



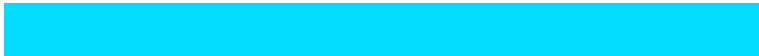
99D158

# Triad

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



D8C13F



00DDFF



FF94F5

# Complementary

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



D8C13F



3F56D8

# 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.



D2ACFF



D8C13F



00D4FF

# Square

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



D8C13F



00DECA



59C4FF



FF8AB8

# Rectangle

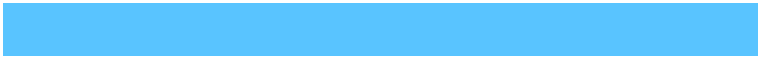
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D8C13F



61D878



59C4FF



FF9CFF



# Sweetspot

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



D8C13F



FFF7C9



D83F59



807B60



000000



808080



# Same Dimension

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



D8C13F



FFDE26



A5D83F



6B6960



AB9100



2B2500



# Inverse Universe

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



3F56D8



2647FF



723FD8



60626B



001AAB



00072B



# Previews

## White Background



This preview shows how the Hex color D8C13F looks on a white background.

## Color Contrast Check

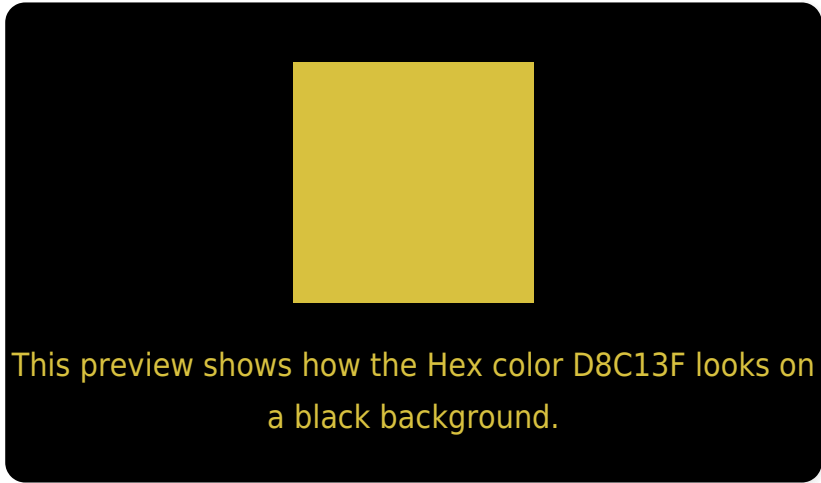
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D8C13F Background



This preview shows how black text looks on a background with the Hex color D8C13F.



This preview shows how white text looks on a background with the Hex color D8C13F.

# 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**  
D8C13F

**Protanopia**  
D8C13F

**Deuteranopia**  
F1B743



**Tritanopia**  
E2B4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D8C13F 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 #D8C13F looks like.

```
.text, #text, p{  
    color:#D8C13F  
}
```

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 #D8C13F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8C13F
}
```

## Border

The CSS property to change the border of an element to Hex D8C13F 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
#D8C13F }
```

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

```
.border{ border-color:#D8C13F }
```

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

Here you see how a box with a 4 pixel #D8C13F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8C13F; -webkit-box-shadow:4px 4px  
4px 4px #D8C13F; box-shadow:4px 4px 4px  
4px #D8C13F }
```

# Background

The CSS property to change the background color of an element to Hex D8C13F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8C13F }
```

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

```
.background{ background-color:#D8C13F }
```

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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