

Converting Colors

Hex(CFF372)

Have a look what the booklet for
Hex(CFF372) contains.

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Color

Hex(CFF372)

Conversions

Conversions Part 1

Format	Color
Hex	CFF372
RGB	207, 243, 114
RGB Percent	81%, 95%, 45%
CMY	0.1882, 0.0471, 0.5529
CMYK	0.15, 0.00, 0.53, 0.05
HSL	77°, 84%, 70%
HSV	77°, 53%, 95%
XYZ	60.8200, 78.5815, 27.8818
YIQ	217.5300, 19.9530, -47.7510

Conversions

Conversions Part 2

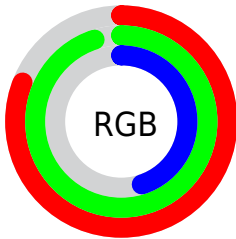
Format	Color
RYB	114, 243, 150
Decimal	13628274
CIELab	91.04, -30.54, 57.56
CIELCh	91, 65.155, 117.948
Yxy	78.5815, 0.3636, 0.4698
Android (android.graphics.Color)	4291818354 (0xFFCFF372)
YUV	217.5300, -51.0403, -9.2348
Hunter-Lab	88.6462, -32.6624, 43.4039

Details

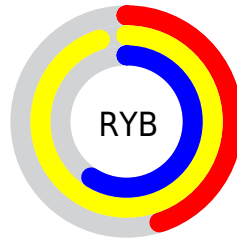
The Hex color **CFF372** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9672F3**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFA9**, and **96BB3C** is the 20% darker color. If you saturate the color by 10%, you get **C8F35A**, and if you desaturate by 10%, it is **D6F38A**.

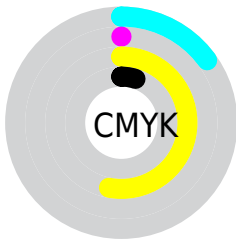
Distribution



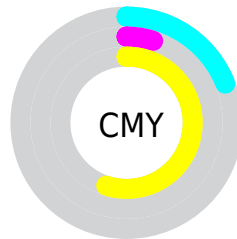
- Red (81%)
- Green (95%)
- Blue (45%)



- Red (45%)
- Yellow (95%)
- Blue (59%)



- Cyan (15%)
- Magenta (0%)
- Yellow (53%)
- Black (5%)



- Cyan (19%)
- Magenta (5%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color CFF372 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 CFF372 by changing the saturation by 10% instead.

 CFF372

 CFF372

FFFFFF

 B2D757

 FFFFA9

 96BB3C

 FFFFC5

 7BA01E

 FFFFE2

 5F8500

 456C00

 2A5300

 0A3C00

 002600

 000700

 CFF372

 CFF372

 C8F35A

 D6F38A

 C1F341

 DDF3A3

 BBF329

 E3F3BB

 B4F311

 EAF3D3

 AFF300

 F1F3EB

 F8F3FF

 FEF3FF

 FFF3FF

Harmonies

Analogous

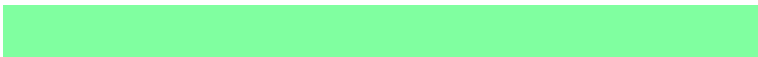
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE064



CFF372



80FFA0

Triad

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



CFF372



00DFF



FFB0EC

Complementary

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



CFF372



9672F3

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.



FFBEFF



CFF372



61EDFF

Square

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



CFF372



00FFFF



E2D7FF



FFB6AE

Rectangle

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



CFF372



09FFC9



E2D7FF



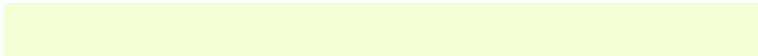
FFB3FF

Sweetspot

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



CFF372



F4FFD6



F39472



798067



000000



808080

Same Dimension

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



CFF372



D1FF5C



90F372



777A6E



86BA00



2A3B00

Inverse Universe

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



9672F3



895CFF



D572F3



726E7A



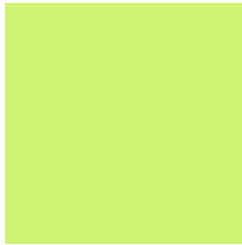
3400BA



10003B

Previews

White Background



This preview shows how the Hex color CFF372 looks on a white background.

Color Contrast Check

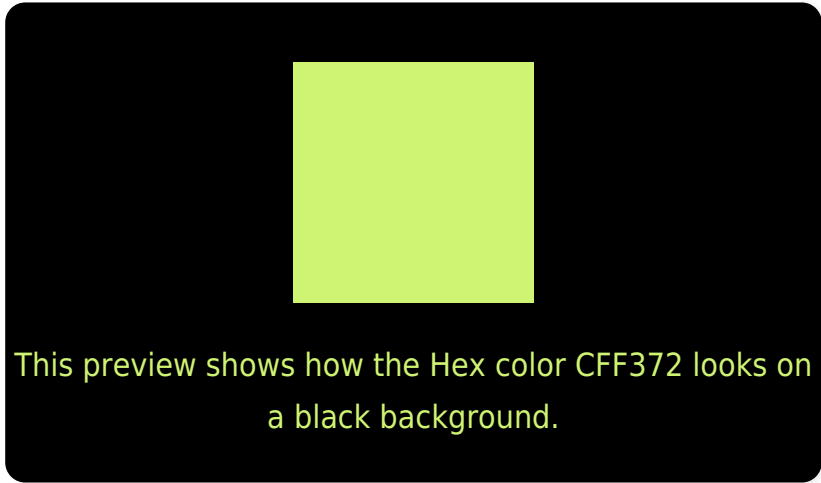
Large Text (above 18pt) WCAG AA × Fail

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 CFF372 Background



This preview shows how black text looks on a background with the Hex color CFF372.



This preview shows how white text looks on a background with the Hex color CFF372.

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
CFF372

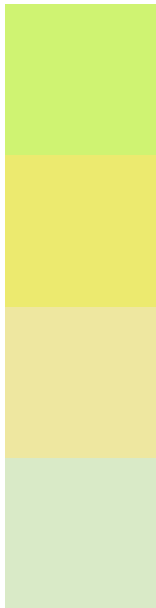
Protanopia
FDE56E

Deuteranopia
FFE0BB



Tritanopia
DFE5F7

Trichromacy



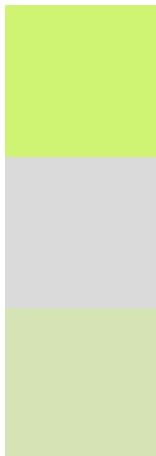
Original Color
CFF372

Protanomaly
ECEA6F

Deuteranomaly
EEE7A0

Tritanomaly
D9EAC7

Monochromacy



Original Color
CFF372

Achromatopsia
DADADA

Achromatomaly
D6E3B4

CSS Examples

Text

The CSS property to change the color of the text to Hex CFF372 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 #CFF372 looks like.

```
.text, #text, p{  
    color:#CFF372  
}
```

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 #CFF372 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFF372
}
```

Border

The CSS property to change the border of an element to Hex CFF372 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
#CFF372 }
```

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

```
.border{ border-color:#CFF372 }
```

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

Here you see how a box with a 4 pixel #CFF372 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFF372; -webkit-box-shadow:4px 4px  
4px 4px #CFF372; box-shadow:4px 4px 4px  
4px #CFF372 }
```

Background

The CSS property to change the background color of an element to Hex CFF372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFF372 }
```

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

```
.background{ background-color:#CFF372 }
```

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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