

Converting Colors

Hex(CFF361)

Have a look what the booklet for
Hex(CFF361) contains.

Hex(CFF361)	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(CFF361)

Conversions

Conversions Part 1

Format	Color
Hex	CFF361
RGB	207, 243, 97
RGB Percent	81%, 95%, 38%
CMY	0.1882, 0.0471, 0.6196
CMYK	0.15, 0.00, 0.60, 0.05
HSL	75°, 86%, 67%
HSV	75°, 60%, 95%
XYZ	59.9404, 78.2296, 23.2499
YIQ	215.5920, 25.4100, -53.0380

Conversions

Conversions Part 2

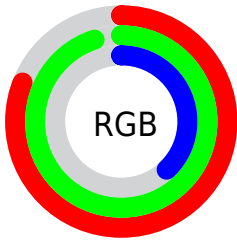
Format	Color
R_{YB}	97, 243, 133
Decimal	13628257
CIE _{Lab}	90.88, -31.93, 64.74
CIE _{LCh}	91, 72.190, 116.254
Yxy	78.2296, 0.3713, 0.4846
Android (android.graphics.Color)	4291818337 (0xFFCFF361)
YUV	215.5920, -58.4659, -7.5352
Hunter-Lab	88.4475, -33.8147, 46.3279

Details

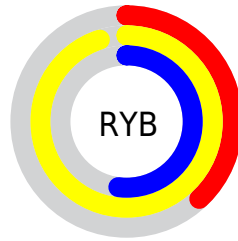
The Hex color **CFF361** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **8561F3**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FFFF99**, and **96BB27** is the 20% darker color. If you saturate the color by 10%, you get **C9F349**, and if you desaturate by 10%, it is **D5F379**.

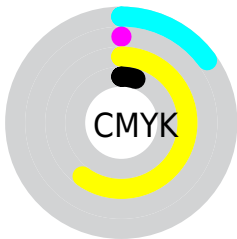
Distribution



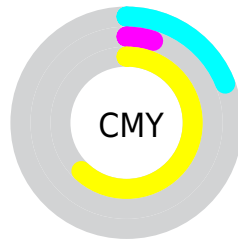
- Red (81%)
- Green (95%)
- Blue (38%)



- Red (38%)
- Yellow (95%)
- Blue (52%)



- Cyan (15%)
- Magenta (0%)
- Yellow (60%)
- Black (5%)



- Cyan (19%)
- Magenta (5%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color CFF361 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 CFF361 by changing the saturation by 10% instead.

 CFF361

 CFF361

FFFFFF

 B2D745

 FFFF99

 96BB27

 FFFF85

 7AA000

 FFFF70

 5E8500

 FFFF54

 436C00

 275300

 043C00

 002600

 000600

 CFF361

 CFF361

 C9F349

 D5F379

 C3F330

 DBF392

 BDF318

 E1F3AA

 B7F300

 E7F3C2

 EDF3DA

 F3F3F3

 F9F3FF

 FFF3FF

Harmonies

Analogous

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



FFDE53



CFF361



75FF95

Triad

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



CFF361



00FFFF



FFA8F1

Complementary

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



CFF361



8561F3

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.



FFBAFF



CFF361



00EFFF

Square

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



CFF361



00FFFF



D9D6FF



FFADAC

Rectangle

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



CFF361



00FFC2



D9D6FF



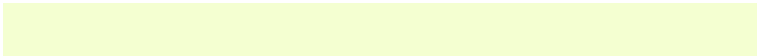
FFACFF

Sweetspot

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



CFF361



F4FFD1



F38361



798063



000000



808080

Same Dimension

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



CFF361



D2FF47



88F361



777A6E



8CBA00



2C3B00

Inverse Universe

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



8561F3



7547FF



CC61F3



716E7A



2E00BA



0E003B

Previews

White Background



This preview shows how the Hex color CFF361 looks on a white background.

Color Contrast Check

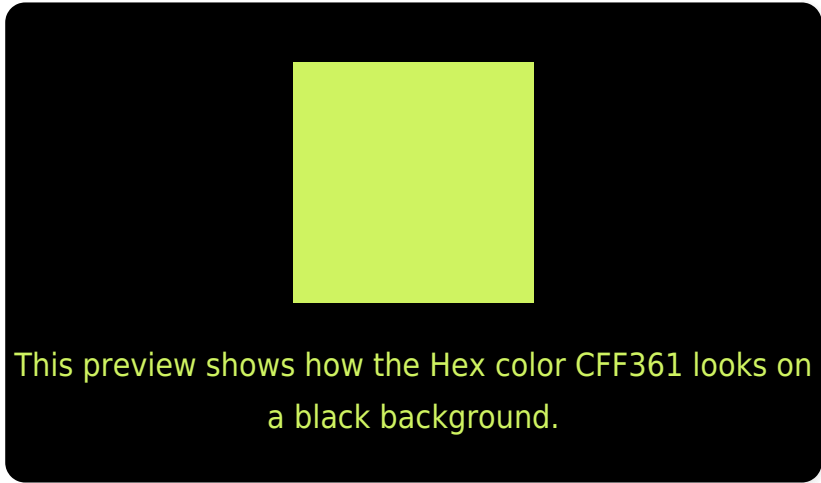
Large Text (above 18pt) WCAG AA × Fail

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 CFF361 Background



This preview shows how black text looks on a background with the Hex color CFF361.

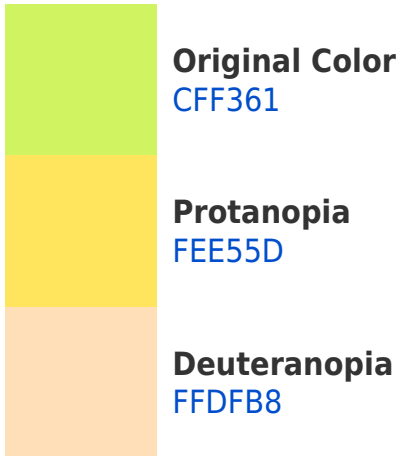


This preview shows how white text looks on a background with the Hex color CFF361.

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](#).

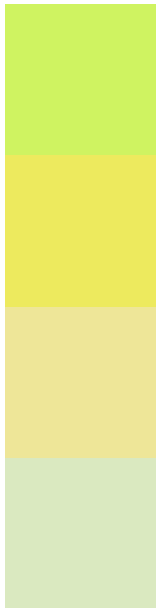
Dichromacy





Tritanopia
E0E4F6

Trichromacy



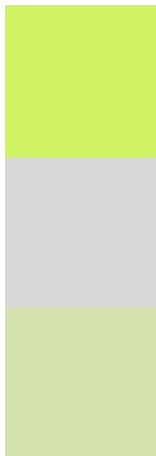
Original Color
CFF361

Protanomaly
EDEA5E

Deuteranomaly
EEE698

Tritanomaly
DAE9C0

Monochromacy



Original Color
CFF361

Achromatopsia
D8D8D8

Achromatomaly
D5E2AD

CSS Examples

Text

The CSS property to change the color of the text to Hex CFF361 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 #CFF361 looks like.

```
.text, #text, p{  
    color:#CFF361  
}
```

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 #CFF361 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CFF361
}
```

Border

The CSS property to change the border of an element to Hex CFF361 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
#CFF361 }
```

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

```
.border{ border-color:#CFF361 }
```

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

Here you see how a box with a 4 pixel #CFF361 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CFF361; -webkit-box-shadow:4px 4px  
4px 4px #CFF361; box-shadow:4px 4px 4px  
4px #CFF361 }
```

Background

The CSS property to change the background color of an element to Hex CFF361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CFF361 }
```

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

```
.background{ background-color:#CFF361 }
```

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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