

Converting Colors

Hex(C3F091)

Have a look what the booklet for
Hex(C3F091) contains.

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Color

Hex(C3F091)

Conversions

Conversions Part 1

Format	Color
Hex	C3F091
RGB	195, 240, 145
RGB Percent	76%, 94%, 57%
CMY	0.2353, 0.0588, 0.4314
CMYK	0.19, 0.00, 0.40, 0.06
HSL	88°, 76%, 75%
HSV	88°, 40%, 94%
XYZ	58.7766, 75.9666, 38.3532
YIQ	215.7150, 3.6750, -39.0850

Conversions

Conversions Part 2

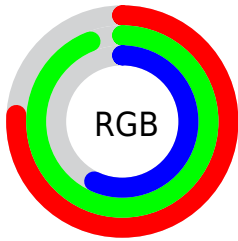
Format	Color
RYB	145, 240, 190
Decimal	12841105
CIELab	89.84, -30.24, 41.24
CIElCh	90, 51.142, 126.250
Yxy	75.9666, 0.3396, 0.4389
Android (android.graphics.Color)	4291031185 (0xFFC3F091)
YUV	215.7150, -34.8625, -18.1671
Hunter-Lab	87.1588, -32.1543, 34.9213

Details

The Hex color **C3F091** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **BE91F0**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **FDFFC8**, and **8CB85D** is the 20% darker color. If you saturate the color by 10%, you get **B8F079**, and if you desaturate by 10%, it is **CEF0A9**.

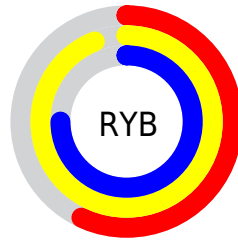
Distribution



Red (76%)

Green (94%)

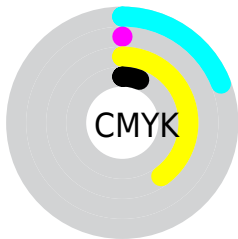
Blue (57%)



Red (57%)

Yellow (94%)

Blue (75%)

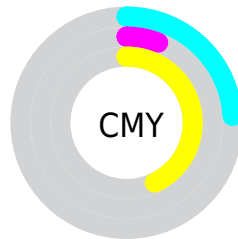


Cyan (19%)

Magenta (0%)

Yellow (40%)

Black (6%)



Cyan (24%)

Magenta (6%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color C3F091 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 C3F091 by changing the saturation by 10% instead.

 C3F091

 C3F091

FFFFFF

 A7D477

 FDFFC8

 8CB85D

 FFFFE4

 719D44

 57822B

 3D6910

 235100

 063900

 002400

 000000

 C3F091

 C3F091

 B8F079

 CEF0A9

 ACF061

 DAF0C1

 A1F049

 E5F0D9

 96F031

 F0F0F1

 8AF019

 FCF0FF

 7FF001

 FFF0FF

 7EF000

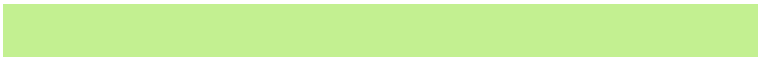
Harmonies

Analogous

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



F7E27F



C3F091



85F9B9

Triad

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



C3F091



40F2FF



FFBBD9

Complementary

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



C3F091



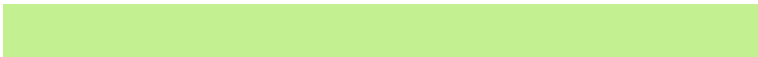
BE91F0

Split Complementary

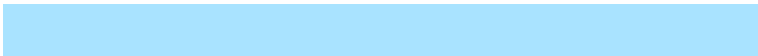
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC1FF



C3F091



A9E3FF

Square

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



C3F091



00FAFF



F5D1FF



FFC2AB

Rectangle

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



C3F091



51FBDA



F5D1FF



FFBBEA

Sweetspot

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



C3F091



F1FFE0



F0BD91



77806E



000000



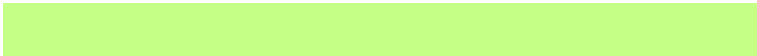
808080

Same Dimension

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



C3F091



C5FF85



94F091



72786C



61B800



1E3800

Inverse Universe

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



BE91F0



BF85FF



ED91F0



726C78



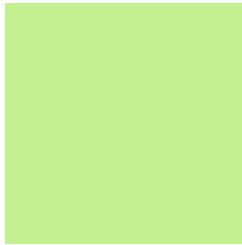
5700B8



1B0038

Previews

White Background



This preview shows how the Hex color C3F091 looks on a white background.

Color Contrast Check

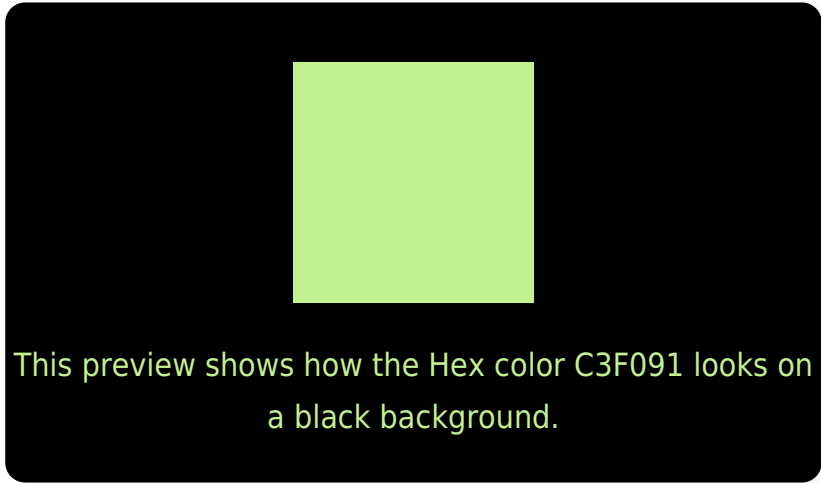
Large Text (above 18pt) WCAG AA × Fail

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

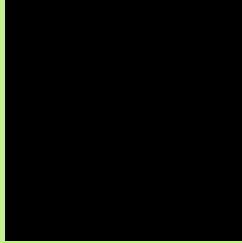
Any Text WCAG AA ✓ Pass

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 C3F091 Background



This preview shows how black text looks on a background with the Hex color C3F091.

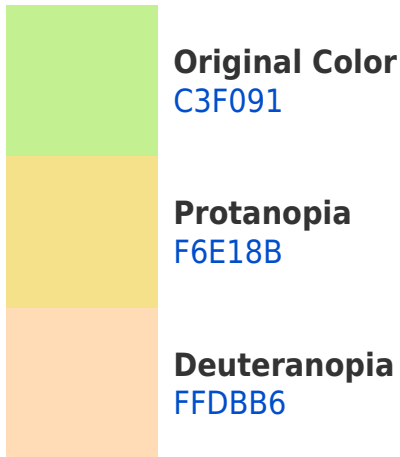


This preview shows how white text looks on a background with the Hex color C3F091.

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



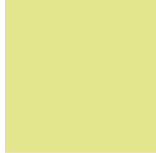


Tritanopia
D1E4F6

Trichromacy



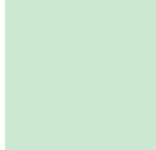
Original Color
C3F091



Protanomaly
E3E68D



Deuteranomaly
E9E3A9

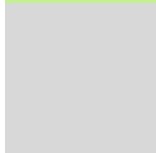


Tritanomaly
CCE8D1

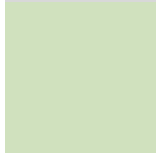
Monochromacy



Original Color
C3F091



Achromatopsia
D8D8D8



Achromatomaly
D0E1BE

CSS Examples

Text

The CSS property to change the color of the text to Hex C3F091 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 #C3F091 looks like.

```
.text, #text, p{  
    color:#C3F091  
}
```

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 #C3F091 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C3F091
}
```

Border

The CSS property to change the border of an element to Hex C3F091 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
#C3F091 }
```

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

```
.border{ border-color:#C3F091 }
```

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

Here you see how a box with a 4 pixel #C3F091 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C3F091; -webkit-box-shadow:4px 4px  
4px 4px #C3F091; box-shadow:4px 4px 4px  
4px #C3F091 }
```

Background

The CSS property to change the background color of an element to Hex C3F091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C3F091 }
```

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

```
.background{ background-color:#C3F091 }
```

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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