

Converting Colors

Hex(71CF91)

Have a look what the booklet for
Hex(71CF91) contains.

Hex(71CF91)	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(71CF91)

Conversions

Conversions Part 1

Format	Color
Hex	71CF91
RGB	113, 207, 145
RGB Percent	44%, 81%, 57%
CMY	0.5569, 0.1882, 0.4314
CMYK	0.45, 0.00, 0.30, 0.19
HSL	140°, 49%, 63%
HSV	140°, 45%, 81%
XYZ	34.2337, 50.1807, 34.6696
YIQ	171.8260, -36.1220, -39.2100

Conversions

Conversions Part 2

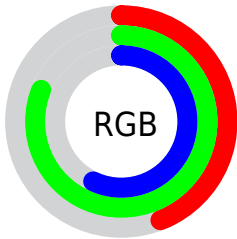
Format	Color
RYB	113, 183, 207
Decimal	7458705
CIELab	76.18, -41.58, 22.36
CIELCh	76, 47.211, 151.731
Yxy	50.1807, 0.2875, 0.4214
Android (android.graphics.Color)	4285648785 (0xFF71CF91)
YUV	171.8260, -13.2252, -51.5904
Hunter-Lab	70.8383, -37.7042, 20.5692

Details

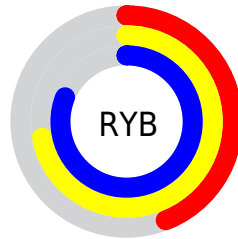
The Hex color **71CF91** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CF71AF**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **A9FFC7**, and **38985E** is the 20% darker color. If you saturate the color by 10%, you get **5CCF83**, and if you desaturate by 10%, it is **86CF9F**.

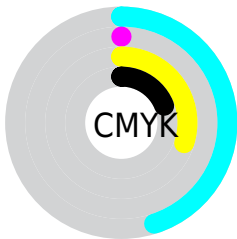
Distribution



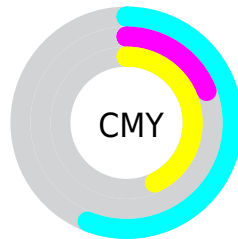
- Red (44%)
- Green (81%)
- Blue (57%)



- Red (44%)
- Yellow (72%)
- Blue (81%)



- Cyan (45%)
- Magenta (0%)
- Yellow (30%)
- Black (19%)



- Cyan (56%)
- Magenta (19%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71CF91 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 71CF91 by changing the saturation by 10% instead.

 71CF91

 71CF91

FFFFFF

 55B377

 A9FFC7

 38985E

 C6FFE3

 167D46

 E3FFFF

 00642F

 004B19

 003300

 001E00

 000000

 71CF91

 71CF91

 5CCF83

 86CF9F

 48CF76

 9ACFAC

 33CF68

 AFCFBA

 1ECF5A

 C4CFC8

 0ACF4D

 D9CFD5

 00CF46

 EDCFE3

 FFCFF1

 FFCFFE

 FFCFFF

Harmonies

Analogous

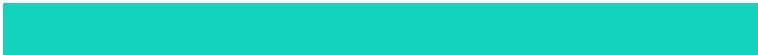
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A7C770



71CF91



13D3BD

Triad

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



71CF91



7BBFFF



FF9D90

Complementary

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



71CF91



CF71AF

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.



FF98BB



71CF91



C3B0FF

Square

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



71CF91



00CBFF



F4A0E6



F8AB70

Rectangle

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



71CF91



00D2DB



F4A0E6



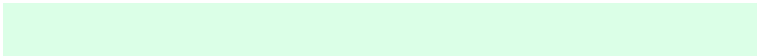
FF9A9E

Sweetspot

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



71CF91



DBFFE7



B0CF71



6A8071



000000



808080

Same Dimension

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



71CF91



75FFA4



71CFBF



5E6962



00A839



00290E

Inverse Universe

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



CF71AF



FF75D0



CF7181



695E65



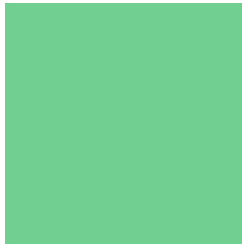
A8006F



29001B

Previews

White Background



This preview shows how the Hex color 71CF91 looks on a white background.

Color Contrast Check

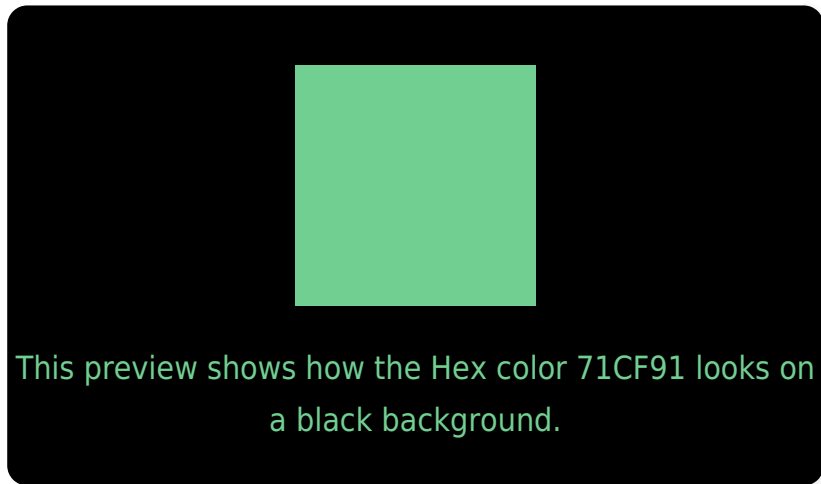
Large Text (above 18pt) WCAG AA × Fail

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

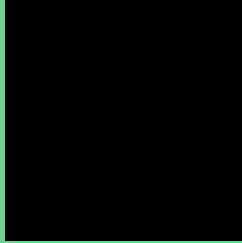
Any Text WCAG AA ✓ Pass

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 71CF91 Background



This preview shows how black text looks on a background with the Hex color 71CF91.



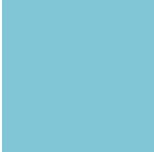
This preview shows how white text looks on a background with the Hex color 71CF91.

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
81C6D6

Trichromacy



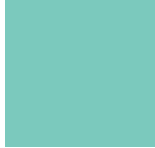
Original Color
71CF91



Protanomaly
A9C28B



Deuteranomaly
B3BD95



Tritanomaly
7BC9BD

Monochromacy



Original Color
71CF91



Achromatopsia
ACACAC



Achromatomaly
97B9A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 71CF91 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 #71CF91 looks like.

```
.text, #text, p{  
    color:#71CF91  
}
```

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 #71CF91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71CF91
}
```

Border

The CSS property to change the border of an element to Hex 71CF91 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
#71CF91 }
```

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

```
.border{ border-color:#71CF91 }
```

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

Here you see how a box with a 4 pixel #71CF91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71CF91; -webkit-box-shadow:4px 4px  
4px 4px #71CF91; box-shadow:4px 4px 4px  
4px #71CF91 }
```

Background

The CSS property to change the background color of an element to Hex 71CF91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71CF91 }
```

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

```
.background{ background-color:#71CF91 }
```

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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