

Converting Colors

Hex(71CC91)

Have a look what the booklet for
Hex(71CC91) contains.

Hex(71CC91)	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(71CC91)

Conversions

Conversions Part 1

Format	Color
Hex	71CC91
RGB	113, 204, 145
RGB Percent	44%, 80%, 57%
CMY	0.5569, 0.2000, 0.4314
CMYK	0.45, 0.00, 0.29, 0.20
HSL	141°, 47%, 62%
HSV	141°, 45%, 80%
XYZ	33.5138, 48.7408, 34.4296
YIQ	170.0650, -35.2970, -37.6410

Conversions

Conversions Part 2

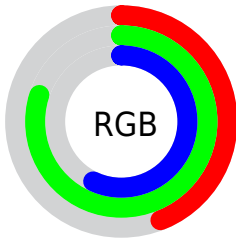
Format	Color
RYB	113, 180, 204
Decimal	7457937
CIELab	75.29, -40.25, 21.14
CIELCh	75, 45.468, 152.293
Yxy	48.7408, 0.2872, 0.4177
Android (android.graphics.Color)	4285648017 (0xFF71CC91)
YUV	170.0650, -12.3570, -50.0460
Hunter-Lab	69.8146, -36.4885, 19.6309

Details

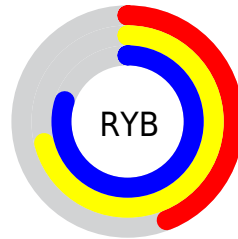
The Hex color **71CC91** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CC71AC**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **A9FFC7**, and **39955E** is the 20% darker color. If you saturate the color by 10%, you get **5DCC84**, and if you desaturate by 10%, it is **85CC9E**.

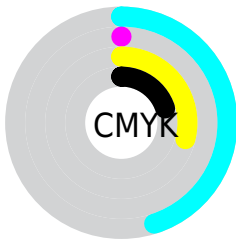
Distribution



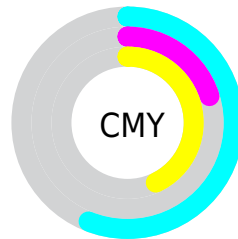
- Red (44%)
- Green (80%)
- Blue (57%)



- Red (44%)
- Yellow (71%)
- Blue (80%)



- Cyan (45%)
- Magenta (0%)
- Yellow (29%)
- Black (20%)




- Cyan (56%)
- Magenta (20%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71CC91 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 71CC91 by changing the saturation by 10% instead.

 71CC91

 71CC91

FFFFFF

 55B077

 A9FFC7

 39955E

 C5FFE3

 187B46

 E2FFFF

 00612F

 004919

 003101

 001B00

 000000

 71CC91

 71CC91

 5DCC84

 85CC9E

 48CC77

 9ACCAB

 34CC69

 AECCB9

 1FCC5C

 C3CCC6

 0BCC4F

 D7CCD3

 00CC48

 EBCCE0

 FFCCEE

 FFCCFB

 FFCCFF

Harmonies

Analogous

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



A5C471



71CC91



22CFBB

Triad

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



71CC91



7DBDFF



FF9C8F

Complementary

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



71CC91



CC71AC

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.



FF98B8



71CC91



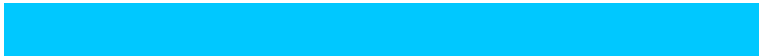
C2ADFF

Square

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



71CC91



00C8FF



F09FE1



F3A970

Rectangle

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



71CC91



00CFD8



F09FE1



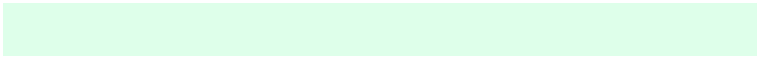
FF9A9C

Sweetspot

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



71CC91



DEFFEA



ACCC71



6B8072



000000



808080

Same Dimension

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



71CC91



75FFA6



71CCBE



5C665F



00A63A



00260D

Inverse Universe

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



CC71AC



FF75CF



CC717F



665C62



A6006B



260019

Previews

White Background



This preview shows how the Hex color 71CC91 looks on a white background.

Color Contrast Check

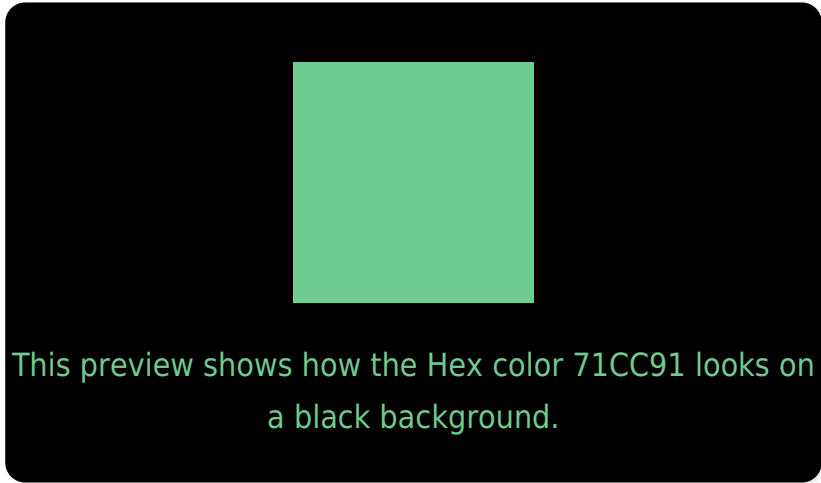
Large Text (above 18pt) WCAG AA × Fail

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

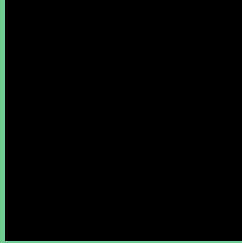
Any Text WCAG AA ✓ Pass

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 71CC91 Background



This preview shows how black text looks on a background with the Hex color 71CC91.

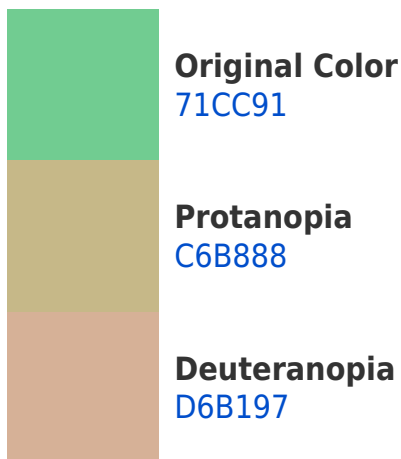


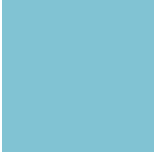
This preview shows how white text looks on a background with the Hex color 71CC91.

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](#).

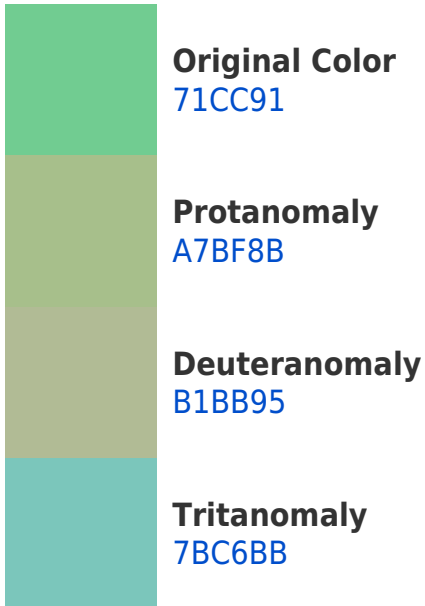
Dichromacy



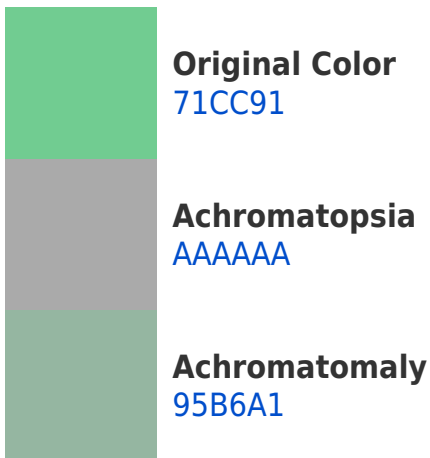


Tritanopia
81C3D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71CC91 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 #71CC91 looks like.

```
.text, #text, p{  
    color:#71CC91  
}
```

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 #71CC91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71CC91
}
```

Border

The CSS property to change the border of an element to Hex 71CC91 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
#71CC91 }
```

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

```
.border{ border-color:#71CC91 }
```

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

Here you see how a box with a 4 pixel #71CC91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71CC91; -webkit-box-shadow:4px 4px  
4px 4px #71CC91; box-shadow:4px 4px 4px  
4px #71CC91 }
```

Background

The CSS property to change the background color of an element to Hex 71CC91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71CC91 }
```

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

```
.background{ background-color:#71CC91 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor