

Converting Colors

Hex(4FCE92)

Have a look what the booklet for
Hex(4FCE92) contains.

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Color

Hex(4FCE92)

Conversions

Conversions Part 1

Format	Color
Hex	4FCE92
RGB	79, 206, 146
RGB Percent	31%, 81%, 57%
CMY	0.6902, 0.1922, 0.4275
CMYK	0.62, 0.00, 0.29, 0.19
HSL	152°, 56%, 56%
HSV	152°, 62%, 81%
XYZ	30.4841, 47.8802, 34.8293
YIQ	161.1870, -56.4320, -45.5840

Conversions

Conversions Part 2

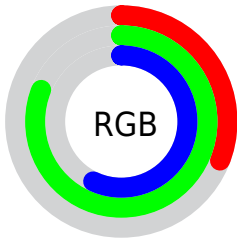
Format	Color
RYB	79, 162, 206
Decimal	5230226
CIELab	74.75, -48.91, 19.68
CIELCh	75, 52.720, 158.077
Yxy	47.8802, 0.2693, 0.4230
Android (android.graphics.Color)	4283420306 (0xFF4FCE92)
YUV	161.1870, -7.4872, -72.0780
Hunter-Lab	69.1955, -42.4540, 18.5935

Details

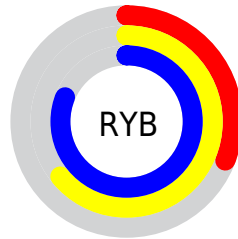
The Hex color **4FCE92** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **CE4F8B**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **8BFFC8**, and **00975F** is the 20% darker color. If you saturate the color by 10%, you get **3ACE88**, and if you desaturate by 10%, it is **64CE9C**.

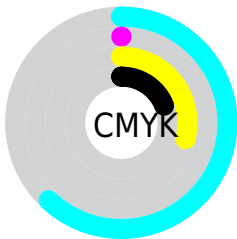
Distribution



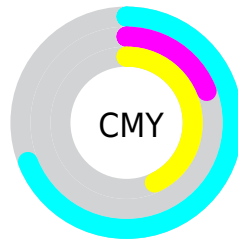
- Red (31%)
- Green (81%)
- Blue (57%)



- Red (31%)
- Yellow (64%)
- Blue (81%)



- Cyan (62%)
- Magenta (0%)
- Yellow (29%)
- Black (19%)



- Cyan (69%)
- Magenta (19%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FCE92 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 4FCE92 by changing the saturation by 10% instead.

 4FCE92

 4FCE92

FFFFFF

 2CB278

 8BFFC8

 00975F

 A9FFE4

 007C47

 C6FFFF

 006230

 E4FFFF

 00491A

 003202

 001900

 000000

 4FCE92


 4FCE92

 3ACE88

 64CE9C

 26CE7F

 78CEA5

 11CE75

 8DCEAF

 00CE6D

 A1CEB9

 B6CEC3

 CBCECC

 DFCED6

 F4CEE0

 FFCEEA

Harmonies

Analogous

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



94C669



4FCE92



00D1C4

Triad

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



4FCE92



7EB9FF



FF987F

Complementary

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



4FCE92



CE4F8B

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.



FF8FAD



4FCE92



CDA6FF

Square

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



4FCE92



00C7FF



FE95DD



F2A95E

Rectangle

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



4FCE92



00D0E4



FE95DD



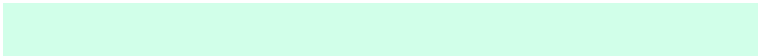
FF938D

Sweetspot

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



4FCE92



D1FFE9



8CCE4F



638072



000000



808080

Same Dimension

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



4FCE92



42FFA6



4FCCCE



5C6661



00A657



002614

Inverse Universe

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



CE4F8B



FF429B



CE514F



665C61



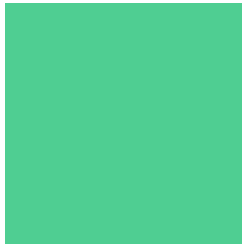
A6004E



260012

Previews

White Background



This preview shows how the Hex color 4FCE92 looks on a white background.

Color Contrast Check

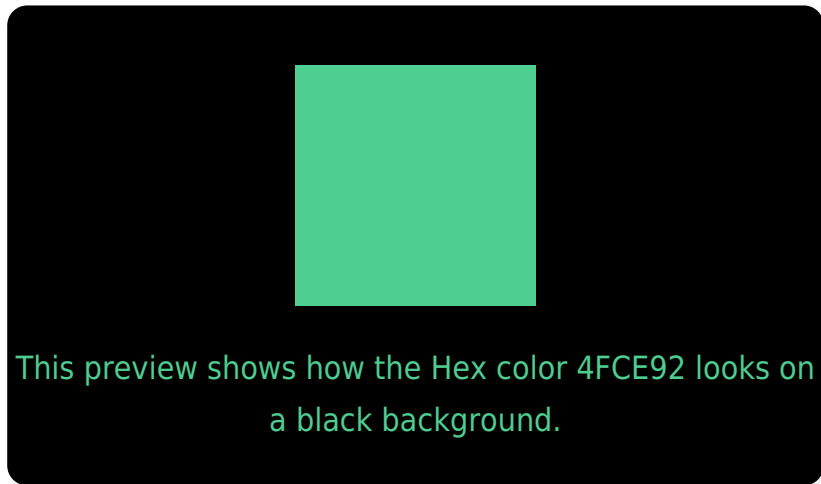
Large Text (above 18pt) WCAG AA × Fail

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

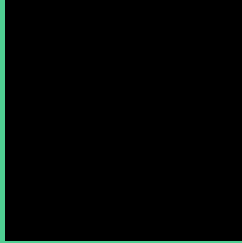
Any Text WCAG AA ✓ Pass

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 4FCE92 Background



This preview shows how black text looks on a background with the Hex color 4FCE92.

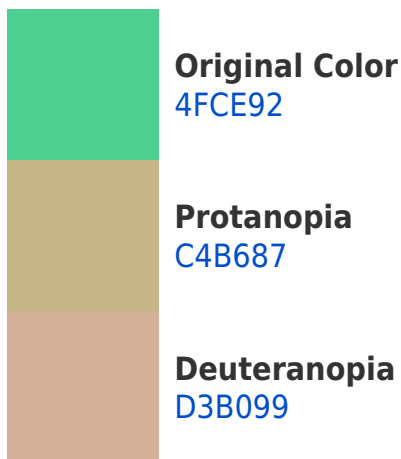


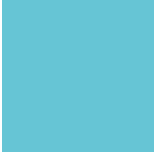
This preview shows how white text looks on a background with the Hex color 4FCE92.

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
66C5D5

Trichromacy



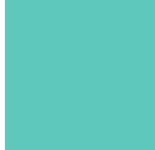
Original Color
4FCE92



Protanomaly
99BF8B



Deuteranomaly
A3BB96

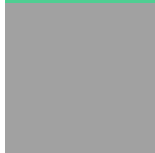


Tritanomaly
5EC8BD

Monochromacy



Original Color
4FCE92



Achromatopsia
A1A1A1



Achromatomaly
83B19C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4FCE92 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 #4FCE92 looks like.

```
.text, #text, p{  
    color:#4FCE92  
}
```

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 #4FCE92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FCE92
}
```

Border

The CSS property to change the border of an element to Hex 4FCE92 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
#4FCE92 }
```

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

```
.border{ border-color:#4FCE92 }
```

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

Here you see how a box with a 4 pixel #4FCE92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FCE92; -webkit-box-shadow:4px 4px  
4px 4px #4FCE92; box-shadow:4px 4px 4px  
4px #4FCE92 }
```

Background

The CSS property to change the background color of an element to Hex 4FCE92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FCE92 }
```

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

```
.background{ background-color:#4FCE92 }
```

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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