

Converting Colors

Hex(3FDC90)

Have a look what the booklet for
Hex(3FDC90) contains.

Hex(3FDC90)	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(3FDC90)

Conversions

Conversions Part 1

Format	Color
Hex	3FDC90
RGB	63, 220, 144
RGB Percent	25%, 86%, 56%
CMY	0.7529, 0.1373, 0.4353
CMYK	0.71, 0.00, 0.35, 0.14
HSL	151°, 69%, 55%
HSV	151°, 71%, 86%
XYZ	32.6771, 54.2568, 35.1359
YIQ	164.3930, -69.1760, -56.9200

Conversions

Conversions Part 2

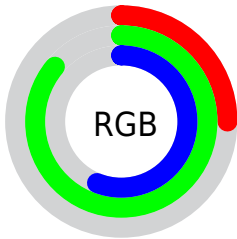
Format	Color
RYB	63, 167, 220
Decimal	4185232
CIELab	78.61, -57.54, 25.94
CIELCh	79, 63.113, 155.730
Yxy	54.2568, 0.2677, 0.4445
Android (android.graphics.Color)	4282375312 (0xFF3FDC90)
YUV	164.3930, -10.0537, -88.9217
Hunter-Lab	73.6592, -49.7164, 23.2797

Details

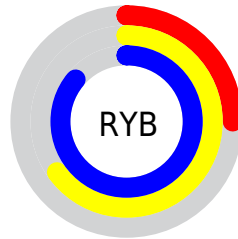
The Hex color **3FDC90** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle muted spring green. A complement of this color would be **DC3F8B**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **82FFC6**, and **00A45D** is the 20% darker color. If you saturate the color by 10%, you get **29DC85**, and if you desaturate by 10%, it is **55DC9B**.

Distribution



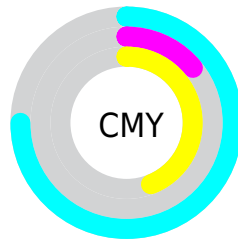
- Red (25%)
- Green (86%)
- Blue (56%)



- Red (25%)
- Yellow (65%)
- Blue (86%)



- Cyan (71%)
- Magenta (0%)
- Yellow (35%)
- Black (14%)



- Cyan (75%)
- Magenta (14%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FDC90 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 3FDC90 by changing the saturation by 10% instead.

 3FDC90

 3FDC90

FFFFFF

 02C076

 82FFC6

 00A45D

 A1FFE2

 008945

 BFFFFFF

 006E2D

 DEFFFF

 005417

 FCFFFF

 003C00

 002400

 000000

 3FDC90

 3FDC90

 29DC85

 55DC9B

 13DC7B

 6BDCA5

 00DC72

 81DCB0

 97DCBB

 ADDCC5

 C3DCD0

 D9DCDB

 EFDCE5

 FFDCF0

Harmonies

Analogous

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



9BD35E



3FDC90



00E0CC

Triad

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



3FDC90



66C5FF



FF9981

Complementary

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



3FDC90



DC3F8B

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.



FF8EBA



3FDC90



D5AEFF

Square

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



3FDC90



00D5FF



FF98F4



FFAE56

Rectangle

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



3FDC90



00DFF4



FF98F4



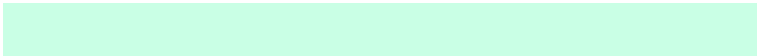
FF9393

Sweetspot

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



3FDC90



C9FFE5



8EDC3F



608070



000000



808080

Same Dimension

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



3FDC90



24FF95



3FDCDC



636E68



00AD59



002E18

Inverse Universe

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



DC3F8B



FF248E



DC3F3F



6E6368



AD0054



2E0016

Previews

White Background



This preview shows how the Hex color 3FDC90 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



This preview shows how the Hex color 3FDC90 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

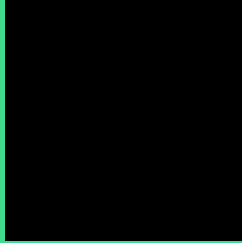
Any Text WCAG AA ✓ Pass

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 3FDC90 Background



This preview shows how black text looks on a background with the Hex color 3FDC90.

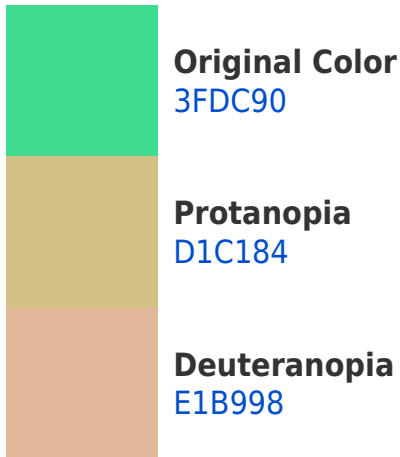


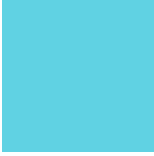
This preview shows how white text looks on a background with the Hex color 3FDC90.

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
60D2E3

Trichromacy



Original Color
3FDC90



Protanomaly
9CCB88



Deuteranomaly
A6C695



Tritanomaly
54D6C5

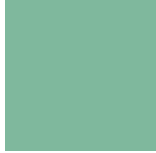
Monochromacy



Original Color
3FDC90



Achromatopsia
A4A4A4



Achromatomaly
7FB89D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FDC90 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 #3FDC90 looks like.

```
.text, #text, p{  
    color:#3FDC90  
}
```

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 #3FDC90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FDC90
}
```

Border

The CSS property to change the border of an element to Hex 3FDC90 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
#3FDC90 }
```

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

```
.border{ border-color:#3FDC90 }
```

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

Here you see how a box with a 4 pixel #3FDC90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FDC90; -webkit-box-shadow:4px 4px  
4px 4px #3FDC90; box-shadow:4px 4px 4px  
4px #3FDC90 }
```

Background

The CSS property to change the background color of an element to Hex 3FDC90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FDC90 }
```

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

```
.background{ background-color:#3FDC90 }
```

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