

Converting Colors

Hex(4FD290)

Have a look what the booklet for
Hex(4FD290) contains.

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Color

Hex(4FD290)

Conversions

Conversions Part 1

Format	Color
Hex	4FD290
RGB	79, 210, 144
RGB Percent	31%, 82%, 56%
CMY	0.6902, 0.1765, 0.4353
CMYK	0.62, 0.00, 0.31, 0.18
HSL	150°, 59%, 57%
HSV	150°, 62%, 82%
XYZ	31.3051, 49.7691, 34.3420
YIQ	163.3070, -56.8900, -48.2980

Conversions

Conversions Part 2

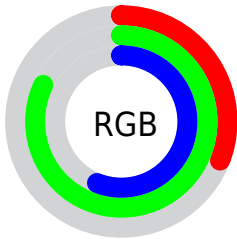
Format	Color
RYB	79, 167, 210
Decimal	5231248
CIELab	75.93, -50.94, 22.36
CIELCh	76, 55.629, 156.305
Yxy	49.7691, 0.2712, 0.4312
Android (android.graphics.Color)	4283421328 (0xFF4FD290)
YUV	163.3070, -9.5184, -73.9372
Hunter-Lab	70.5472, -44.2488, 20.5210

Details

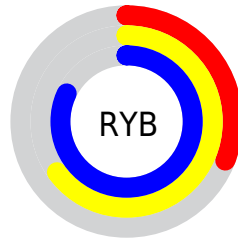
The Hex color **4FD290** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **D24F91**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **8CFFC6**, and **009A5D** is the 20% darker color. If you saturate the color by 10%, you get **3AD285**, and if you desaturate by 10%, it is **64D29B**.

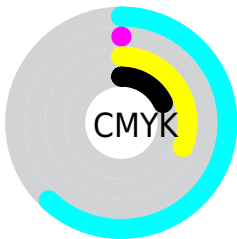
Distribution



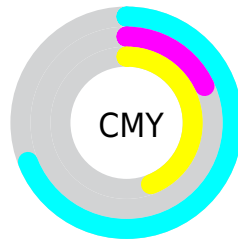
- Red (31%)
- Green (82%)
- Blue (56%)



- Red (31%)
- Yellow (65%)
- Blue (82%)



- Cyan (62%)
- Magenta (0%)
- Yellow (31%)
- Black (18%)



- Cyan (69%)
- Magenta (18%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FD290 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 4FD290 by changing the saturation by 10% instead.

 4FD290

 4FD290

FFFFFF

 2BB676

 8CFFC6

 009A5D

 A9FFE2

 008045

 C7FFFF

 00662E

 E5FFFF

 004C18

 003500

 001D00

 000000

 4FD290

 4FD290

 3AD285

 64D29B

 25D27B

 79D2A5

 10D270

 8ED2B0

 00D268

 A3D2BA

 B8D2C5

 CDD2CF

 E2D2DA

 F7D2E5

 FFD2EF

Harmonies

Analogous

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



99CA65



4FD290



00D5C5

Triad

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



4FD290



75BDFE



FF9881

Complementary

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



4FD290



D24F91

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.



FF8FB2



4FD290



CDA9FF

Square

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



4FD290



00CBFF



FF97E5



FAAA5D

Rectangle

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



4FD290



00D5E7



FF97E5



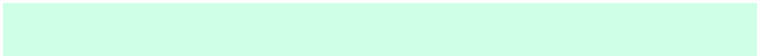
FF9390

Sweetspot

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



4FD290



CFFFE7



93D24F



628071



000000



808080

Same Dimension

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



4FD290



40FF9F



4FD2D0



5E6963



00A854



002914

Inverse Universe

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



D24F91



FF40A0



D24F51



695E63



A80055



290015

Previews

White Background



This preview shows how the Hex color 4FD290 looks on a white background.

Color Contrast Check

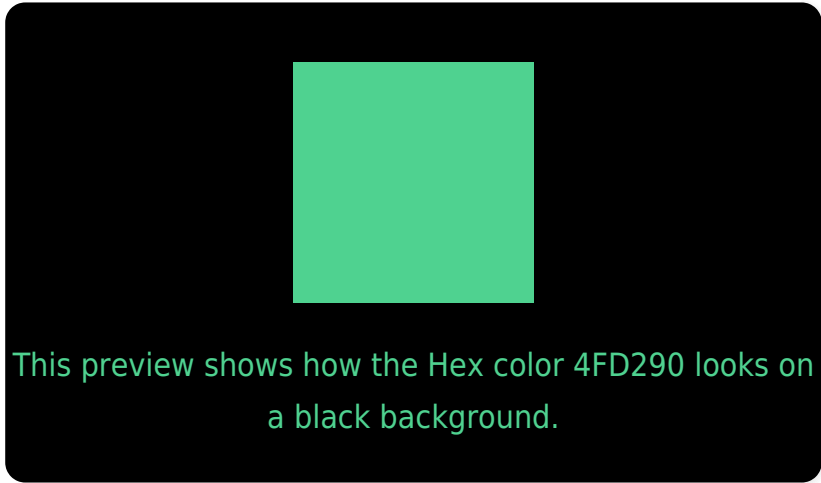
Large Text (above 18pt) WCAG AA × Fail

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

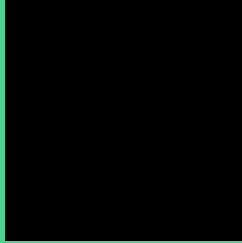
Any Text WCAG AA ✓ Pass

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 4FD290 Background



This preview shows how black text looks on a background with the Hex color 4FD290.

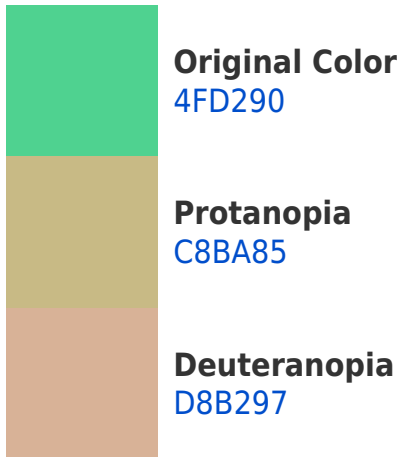


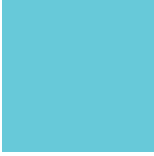
This preview shows how white text looks on a background with the Hex color 4FD290.

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
67C9D9

Trichromacy



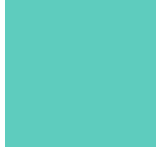
Original Color
4FD290



Protanomaly
9CC389



Deuteranomaly
A6BE94



Tritanomaly
5ECCBE

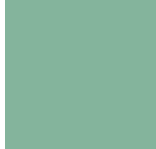
Monochromacy



Original Color
4FD290



Achromatopsia
A3A3A3



Achromatomaly
84B49C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4FD290 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 #4FD290 looks like.

```
.text, #text, p{  
    color:#4FD290  
}
```

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 #4FD290 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FD290
}
```

Border

The CSS property to change the border of an element to Hex 4FD290 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
#4FD290 }
```

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

```
.border{ border-color:#4FD290 }
```

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

Here you see how a box with a 4 pixel #4FD290 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FD290; -webkit-box-shadow:4px 4px  
4px 4px #4FD290; box-shadow:4px 4px 4px  
4px #4FD290 }
```

Background

The CSS property to change the background color of an element to Hex 4FD290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FD290 }
```

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

```
.background{ background-color:#4FD290 }
```

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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