

Converting Colors

Hex(6FC490)

Have a look what the booklet for
Hex(6FC490) contains.

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Color

Hex(6FC490)

Conversions

Conversions Part 1

Format	Color
Hex	6FC490
RGB	111, 196, 144
RGB Percent	44%, 77%, 56%
CMY	0.5647, 0.2314, 0.4353
CMYK	0.43, 0.00, 0.27, 0.23
HSL	143°, 42%, 60%
HSV	143°, 43%, 77%
XYZ	31.3295, 44.8730, 33.3957
YIQ	164.6570, -33.9680, -34.1920

Conversions

Conversions Part 2

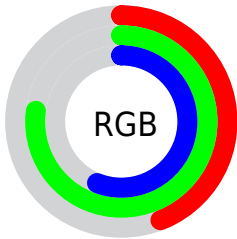
Format	Color
RYB	111, 172, 196
Decimal	7324816
CIELab	72.81, -37.40, 18.24
CIElCh	73, 41.615, 154.005
Yxy	44.8730, 0.2859, 0.4094
Android (android.graphics.Color)	4285514896 (0xFF6FC490)
YUV	164.6570, -10.1839, -47.0572
Hunter-Lab	66.9873, -33.7445, 17.3328

Details

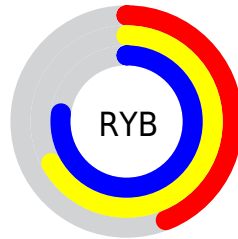
The Hex color **6FC490** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C46FA3**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **A6FDC6**, and **388E5D** is the 20% darker color. If you saturate the color by 10%, you get **5BC484**, and if you desaturate by 10%, it is **83C49C**.

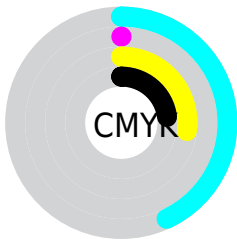
Distribution



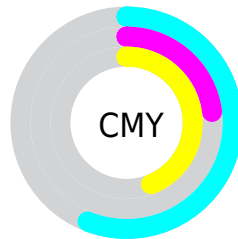
- Red (44%)
- Green (77%)
- Blue (56%)



- Red (44%)
- Yellow (67%)
- Blue (77%)



- Cyan (43%)
- Magenta (0%)
- Yellow (27%)
- Black (23%)



- Cyan (56%)
- Magenta (23%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FC490 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 6FC490 by changing the saturation by 10% instead.



6FC490



6FC490

FFFFFF



54A876



A6FDC6



388E5D



C3FFE2



187446



DFFFFFF



005A2F



FDFFFF



004219



002B00



001200



000000



6FC490



6FC490

 5BC484

 83C49C

 48C478

 96C4A8

 34C46C

 AAC4B4

 21C460

 BDC4C0

 0DC454

 D1C4CC

 00C44C

 E5C4D8

 F8C4E4

 FFC4F0

 FFC4FC

Harmonies

Analogous

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



9EBD72



6FC490



32C7B7

Triad

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



6FC490



82B5FE



FA998A

Complementary

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



6FC490



C46FA3

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.



FB94AF



6FC490



BEA7F2

Square

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



6FC490



34BFF6



E79AD5



E6A56F

Rectangle

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



6FC490



00C6D0



E79AD5



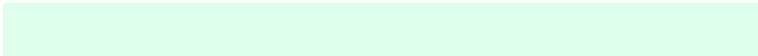
FC9696

Sweetspot

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



6FC490



DEFFEB



A3C46F



6B8073



000000



808080

Same Dimension

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



6FC490



7AFFAE



6FC4BA



57615B



00A13E



00210D

Inverse Universe

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



C46FA3



FF7ACC



C46F79



61575D



A10062



210014

Previews

White Background



This preview shows how the Hex color 6FC490 looks on a white background.

Color Contrast Check

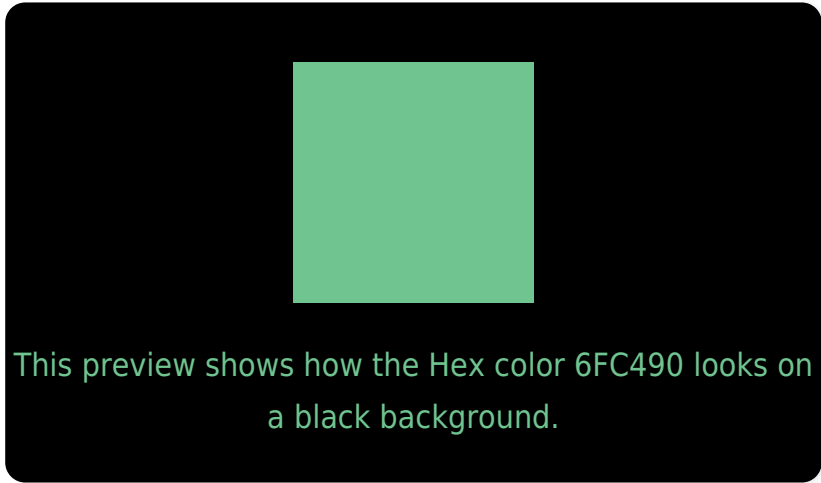
Large Text (above 18pt) WCAG AA × Fail

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

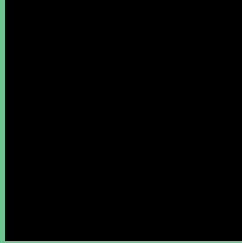
Any Text WCAG AA ✓ Pass

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 6FC490 Background



This preview shows how black text looks on a background with the Hex color 6FC490.

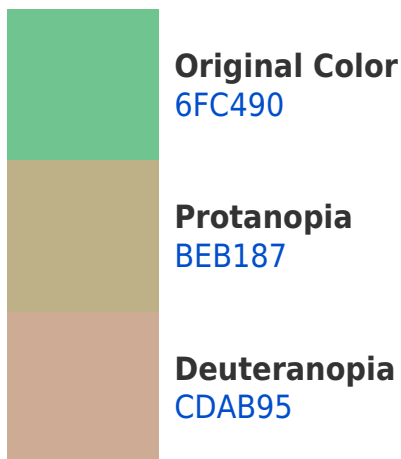


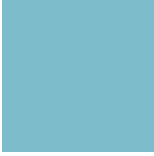
This preview shows how white text looks on a background with the Hex color 6FC490.

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



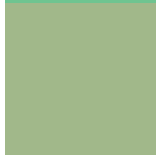


Tritanopia
7DBCCB

Trichromacy



Original Color
6FC490



Protanomaly
A1B88A



Deuteranomaly
ABB493



Tritanomaly
78BFB6

Monochromacy



Original Color
6FC490



Achromatopsia
A5A5A5



Achromatomaly
91B09D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6FC490 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 #6FC490 looks like.

```
.text, #text, p{  
    color:#6FC490  
}
```

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 #6FC490 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FC490
}
```

Border

The CSS property to change the border of an element to Hex 6FC490 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
#6FC490 }
```

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

```
.border{ border-color:#6FC490 }
```

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

Here you see how a box with a 4 pixel #6FC490 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FC490; -webkit-box-shadow:4px 4px  
4px 4px #6FC490; box-shadow:4px 4px 4px  
4px #6FC490 }
```

Background

The CSS property to change the background color of an element to Hex 6FC490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FC490 }
```

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

```
.background{ background-color:#6FC490 }
```

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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