

Converting Colors

Hex(4CB491)

Have a look what the booklet for
Hex(4CB491) contains.

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Color

Hex(4CB491)

Conversions

Conversions Part 1

Format	Color
Hex	4CB491
RGB	76, 180, 145
RGB Percent	30%, 71%, 57%
CMY	0.7020, 0.2941, 0.4314
CMYK	0.58, 0.00, 0.19, 0.29
HSL	160°, 41%, 50%
HSV	160°, 58%, 71%
XYZ	24.4126, 36.2233, 32.4932
YIQ	144.9140, -50.7490, -32.9330

Conversions

Conversions Part 2

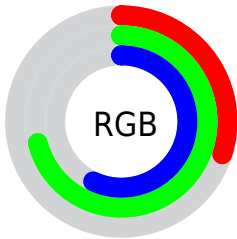
Format	Color
RYB	76, 139, 180
Decimal	5026961
CIELab	66.69, -38.59, 8.92
CIElCh	67, 39.610, 166.989
Yxy	36.2233, 0.2621, 0.3890
Android (android.graphics.Color)	4283217041 (0xFF4CB491)
YUV	144.9140, 0.0424, -60.4376
Hunter-Lab	60.1858, -32.9220, 10.1205

Details

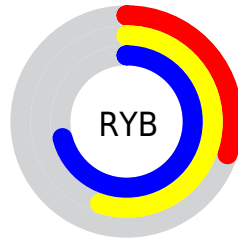
The Hex color **4CB491** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B44C6F**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **85ECC7**, and **007E5F** is the 20% darker color. If you saturate the color by 10%, you get **3AB48B**, and if you desaturate by 10%, it is **5EB497**.

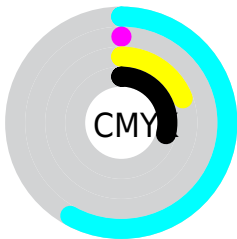
Distribution



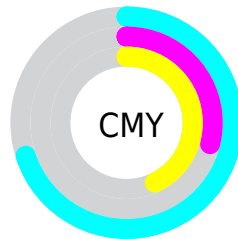
- Red (30%)
- Green (71%)
- Blue (57%)



- Red (30%)
- Yellow (55%)
- Blue (71%)



- Cyan (58%)
- Magenta (0%)
- Yellow (19%)
- Black (29%)



- Cyan (70%)
- Magenta (29%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CB491 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 4CB491 by changing the saturation by 10% instead.



4CB491



4CB491

FFFFFF



2C9977



85ECC7



007E5F



A2FFE3



006547



BFFFFFF



004C30



DCFFFF



00341B



FAFFFF



001F01



000000



4CB491



4CB491



3AB48B



5EB497

 28B485

 70B49D

 16B47F

 82B4A3

 04B479

 94B4A9

 00B477

 A6B4AF

 B8B4B5

 CAB4BB

 DCB4C1

 EEB4C8

Harmonies

Analogous

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



7DAF70



4CB491



00B5B6

Triad

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



4CB491



8E9FE6



DE8E70

Complementary

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



4CB491



B44C6F

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.



E7878F



4CB491



BF92D3

Square

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



4CB491



4DAAE7



DD88B3



C79B5D

Rectangle

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



4CB491



00B3CC



DD88B3



E38B79

Sweetspot

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



4CB491



C3EBDD



70B44C



5E756D



F5F5F5



757575

Same Dimension

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



4CB491



49EBB4



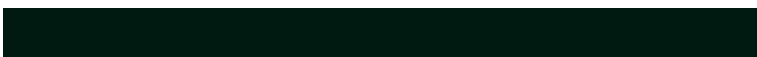
4CA4B4



505956



009966



001A11

Inverse Universe

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



B44C6F



EB497F



B45C4C



595053



990033



1A0009

Previews

White Background



This preview shows how the Hex color 4CB491 looks on a white background.

Color Contrast Check

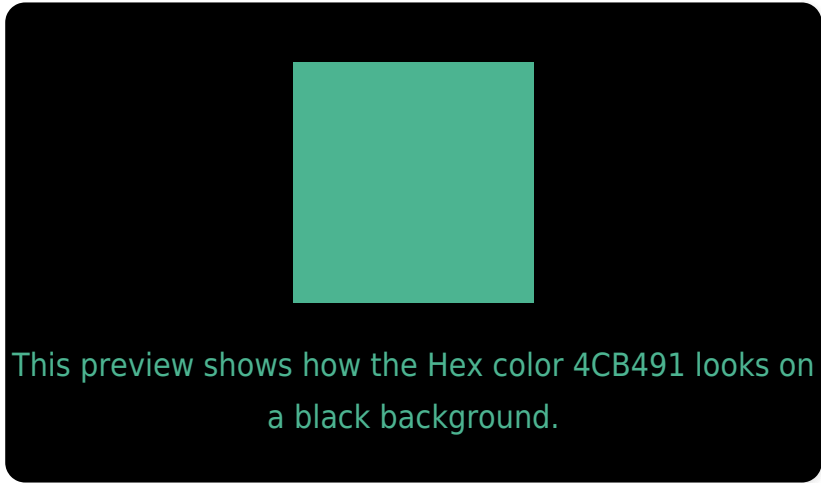
Large Text (above 18pt) WCAG AA × Fail

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 4CB491 Background



This preview shows how black text looks on a background with the Hex color 4CB491.



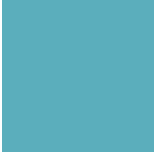
This preview shows how white text looks on a background with the Hex color 4CB491.

Color Blindness Simulation

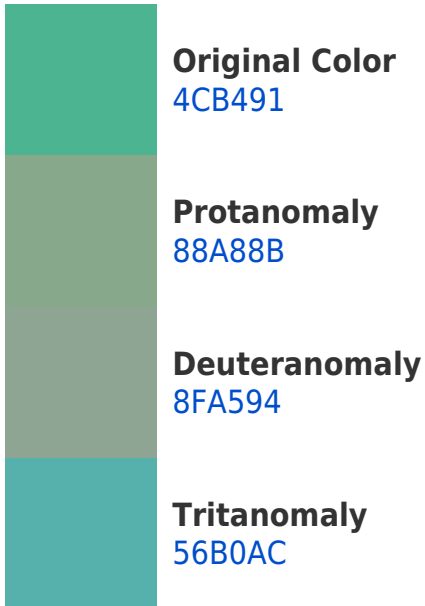
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CB491 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 #4CB491 looks like.

```
.text, #text, p{  
    color:#4CB491  
}
```

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 #4CB491 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CB491
}
```

Border

The CSS property to change the border of an element to Hex 4CB491 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
#4CB491 }
```

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

```
.border{ border-color:#4CB491 }
```

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

Here you see how a box with a 4 pixel #4CB491 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CB491; -webkit-box-shadow:4px 4px  
4px 4px #4CB491; box-shadow:4px 4px 4px  
4px #4CB491 }
```

Background

The CSS property to change the background color of an element to Hex 4CB491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CB491 }
```

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

```
.background{ background-color:#4CB491 }
```

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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