

Converting Colors

Hex(76C291)

Have a look what the booklet for
Hex(76C291) contains.

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Color

Hex(76C291)

Conversions

Conversions Part 1

Format	Color
Hex	76C291
RGB	118, 194, 145
RGB Percent	46%, 76%, 57%
CMY	0.5373, 0.2392, 0.4314
CMYK	0.39, 0.00, 0.25, 0.24
HSL	141°, 38%, 61%
HSV	141°, 39%, 76%
XYZ	31.8738, 44.4795, 33.6935
YIQ	165.6900, -29.5670, -31.3510

Conversions

Conversions Part 2

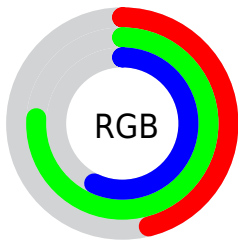
Format	Color
RYB	118, 174, 194
Decimal	7783057
CIELab	72.55, -34.29, 17.39
CIELCh	73, 38.452, 153.109
Yxy	44.4795, 0.2896, 0.4042
Android (android.graphics.Color)	4285973137 (0xFF76C291)
YUV	165.6900, -10.2002, -41.8241
Hunter-Lab	66.6929, -31.4040, 16.7315

Details

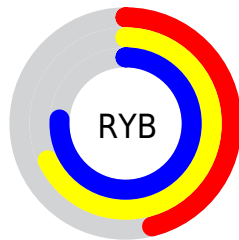
The Hex color **76C291** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C276A7**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **ADFBC7**, and **418C5E** is the 20% darker color. If you saturate the color by 10%, you get **63C284**, and if you desaturate by 10%, it is **89C29E**.

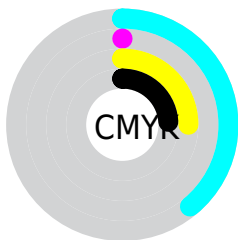
Distribution



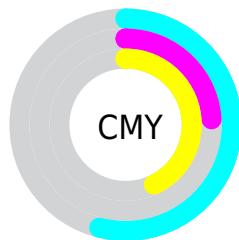
- Red (46%)
- Green (76%)
- Blue (57%)



- Red (46%)
- Yellow (68%)
- Blue (76%)



- Cyan (39%)
- Magenta (0%)
- Yellow (25%)
- Black (24%)



- Cyan (54%)
- Magenta (24%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76C291 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 76C291 by changing the saturation by 10% instead.

 76C291

 76C291

FFFFFF

 5BA777

 ADFBC7

 418C5E

 C9FFE3

 257246

 E6FFFF

 005930

 00411A

 002A01

 001000

 000000

 76C291

 76C291

 63C284

 89C29E

 4FC278

 9DC2AA

 3CC26B

 B0C2B7

 28C25F

 C4C2C3

 15C252

 D7C2D0

 02C246

 EAC2DC

 00C245

 FEC2E9

 FFC2F5

 FFC2FF

Harmonies

Analogous

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



A0BB76



76C291



46C5B5

Triad

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



76C291



85B4F8



F49A8D

Complementary

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



76C291



C276A7

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.



F597B0



76C291



BBA8ED

Square

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



76C291



48BEF0



E19CD2



E3A574

Rectangle

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



76C291



26C4CC



E19CD2



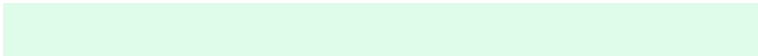
F79898

Sweetspot

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



76C291



DEFCE9



A7C276



6E8074



000000



808080

Same Dimension

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



76C291



86FCB0



76C2B7



57615B



00A139



00210C

Inverse Universe

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



C276A7



FC86D2



C27681



61575D



A10068



210015

Previews

White Background



This preview shows how the Hex color 76C291 looks on a white background.

Color Contrast Check

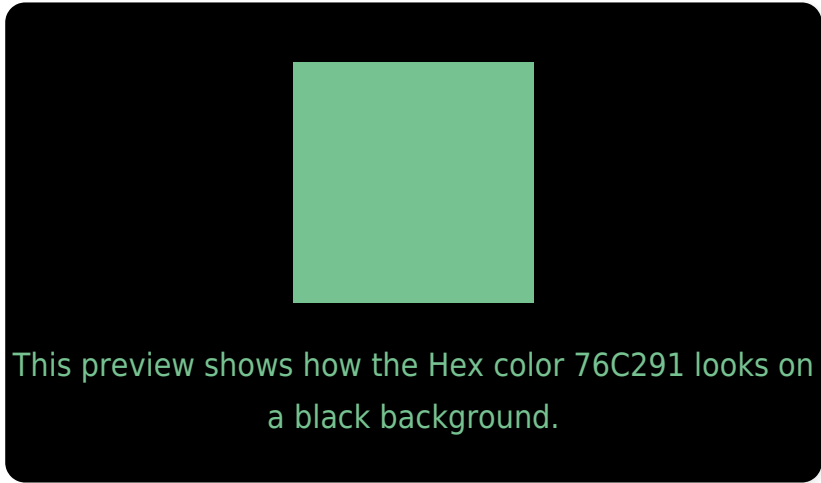
Large Text (above 18pt) WCAG AA × Fail

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

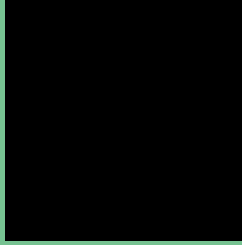
Any Text WCAG AA ✓ Pass

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 76C291 Background



This preview shows how black text looks on a background with the Hex color 76C291.

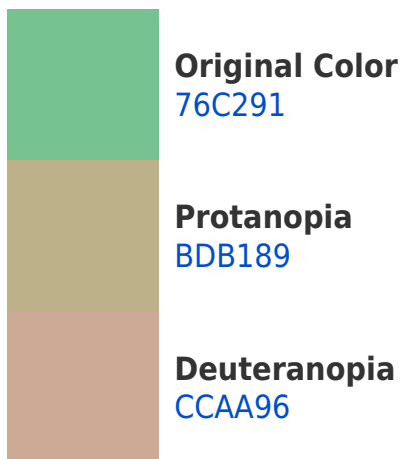


This preview shows how white text looks on a background with the Hex color 76C291.

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
82BBCA

Trichromacy



Original Color
76C291



Protanomaly
A3B78C



Deuteranomaly
ADB394



Tritanomaly
7EBEB5

Monochromacy



Original Color
76C291



Achromatopsia
A6A6A6



Achromatomaly
95B09E

CSS Examples

Text

The CSS property to change the color of the text to Hex 76C291 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 #76C291 looks like.

```
.text, #text, p{  
    color:#76C291  
}
```

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 #76C291 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76C291
}
```

Border

The CSS property to change the border of an element to Hex 76C291 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
#76C291 }
```

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

```
.border{ border-color:#76C291 }
```

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

Here you see how a box with a 4 pixel #76C291 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76C291; -webkit-box-shadow:4px 4px  
4px 4px #76C291; box-shadow:4px 4px 4px  
4px #76C291 }
```

Background

The CSS property to change the background color of an element to Hex 76C291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76C291 }
```

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

```
.background{ background-color:#76C291 }
```

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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