

Converting Colors

Hex(77C591)

Have a look what the booklet for
Hex(77C591) contains.

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Color

Hex(77C591)

Conversions

Conversions Part 1

Format	Color
Hex	77C591
RGB	119, 197, 145
RGB Percent	47%, 77%, 57%
CMY	0.5333, 0.2275, 0.4314
CMYK	0.40, 0.00, 0.26, 0.23
HSL	140°, 40%, 62%
HSV	140°, 40%, 77%
XYZ	32.6848, 45.8988, 33.9247
YIQ	167.7500, -29.7960, -32.7080

Conversions

Conversions Part 2

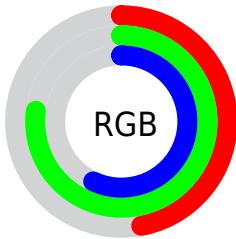
Format	Color
RYB	119, 178, 197
Decimal	7849361
CIELab	73.48, -35.39, 18.69
CIElCh	73, 40.021, 152.161
Yxy	45.8988, 0.2905, 0.4080
Android (android.graphics.Color)	4286039441 (0xFF77C591)
YUV	167.7500, -11.2157, -42.7537
Hunter-Lab	67.7486, -32.4441, 17.7349

Details

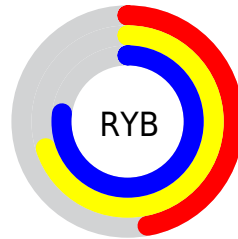
The Hex color **77C591** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **C577AB**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **AEFEC7**, and **418F5E** is the 20% darker color. If you saturate the color by 10%, you get **63C584**, and if you desaturate by 10%, it is **8BC59E**.

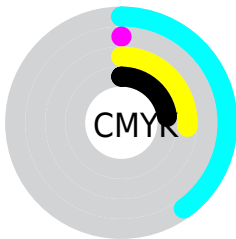
Distribution



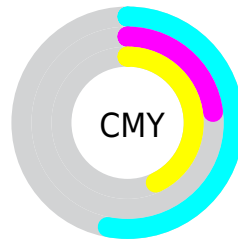
- Red (47%)
- Green (77%)
- Blue (57%)



- Red (47%)
- Yellow (70%)
- Blue (77%)



- Cyan (40%)
- Magenta (0%)
- Yellow (26%)
- Black (23%)



- Cyan (53%)
- Magenta (23%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77C591 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 77C591 by changing the saturation by 10% instead.

 77C591

 77C591

FFFFFF

 5CA977

 AEFEC7

 418F5E

 CAFFE3

 257546

 E7FFFF

 005B30

 00431A

 002C01

 001400

 000000

 77C591

 77C591

 63C584

 8BC59E

 50C577

 9EC5AB

 3CC56A

 B2C5B8

 28C55C

 C6C5C6

 14C54F

 DAC5D3

 01C542

 EDC5E0

 00C542

 FFC5ED

 FFC5FA

 FFC5FF

Harmonies

Analogous

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



A3BE75



77C591



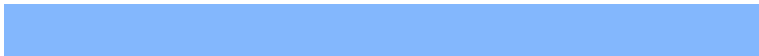
43C8B6

Triad

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



77C591



83B7FD



FA9B8F

Complementary

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



77C591



C577AB

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.



FA98B3



77C591



BCAAF3

Square

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



77C591



3FC1F4



E59ED7



E8A674

Rectangle

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



77C591



17C8CF



E59ED7



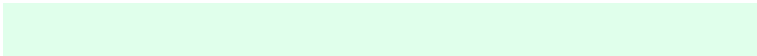
FC999B

Sweetspot

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



77C591



E0FFEB



ABC577



6E8074



000000



808080

Same Dimension

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



77C591



85FFAD



77C5B7



5A635D



00A336



00240C

Inverse Universe

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



C577AB



FF85D6



C57784



635A60



A3006D



240018

Previews

White Background



This preview shows how the Hex color 77C591 looks on a white background.

Color Contrast Check

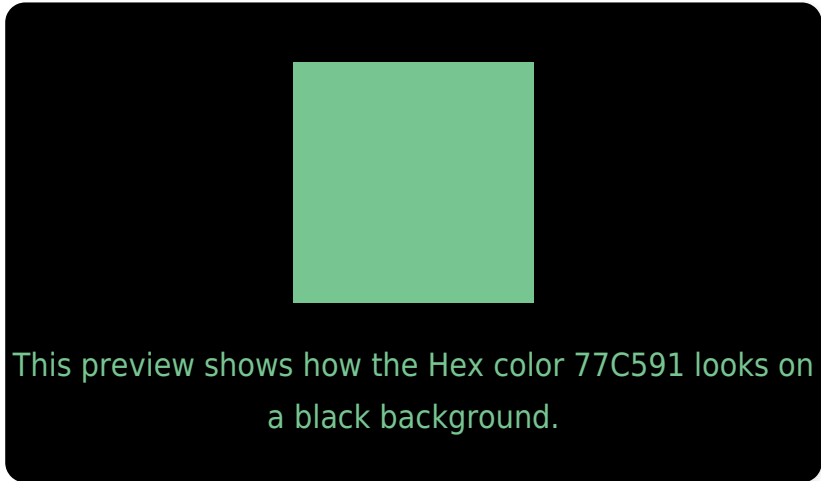
Large Text (above 18pt) WCAG AA × Fail

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

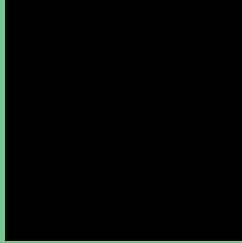
Any Text WCAG AA ✓ Pass

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 77C591 Background



This preview shows how black text looks on a background with the Hex color 77C591.

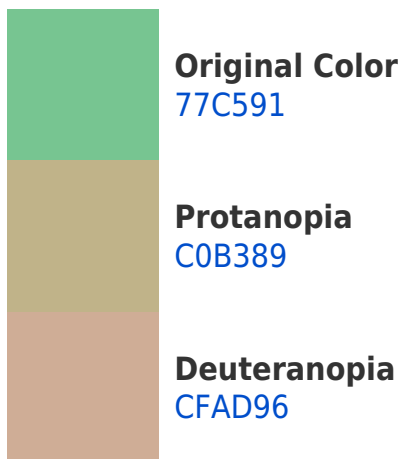


This preview shows how white text looks on a background with the Hex color 77C591.

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
84BDCC

Trichromacy



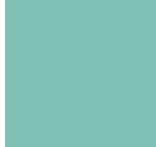
Original Color
77C591



Protanomaly
A5BA8C



Deuteranomaly
AFB694



Tritanomaly
7FC0B7

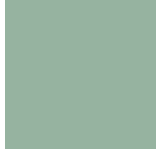
Monochromacy



Original Color
77C591



Achromatopsia
A8A8A8



Achromatomaly
96B3A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 77C591 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 #77C591 looks like.

```
.text, #text, p{  
    color:#77C591  
}
```

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 #77C591 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77C591
}
```

Border

The CSS property to change the border of an element to Hex 77C591 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
#77C591 }
```

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

```
.border{ border-color:#77C591 }
```

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

Here you see how a box with a 4 pixel #77C591 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77C591; -webkit-box-shadow:4px 4px  
4px 4px #77C591; box-shadow:4px 4px 4px  
4px #77C591 }
```

Background

The CSS property to change the background color of an element to Hex 77C591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77C591 }
```

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

```
.background{ background-color:#77C591 }
```

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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