

Converting Colors

Hex(80D791)

Have a look what the booklet for
Hex(80D791) contains.

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Color

Hex(80D791)

Conversions

Conversions Part 1

Format	Color
Hex	80D791
RGB	128, 215, 145
RGB Percent	50%, 84%, 57%
CMY	0.4980, 0.1569, 0.4314
CMYK	0.40, 0.00, 0.33, 0.16
HSL	132°, 52%, 67%
HSV	132°, 40%, 84%
XYZ	38.3134, 55.2344, 35.4300
YIQ	181.0070, -29.3820, -40.2140

Conversions

Conversions Part 2

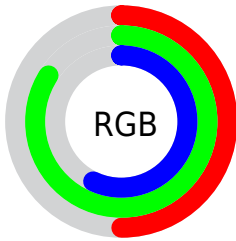
Format	Color
RYB	128, 201, 215
Decimal	8443793
CIELab	79.18, -40.89, 26.53
CIElCh	79, 48.744, 147.020
Yxy	55.2344, 0.2971, 0.4282
Android (android.graphics.Color)	4286633873 (0xFF80D791)
YUV	181.0070, -17.7515, -46.4871
Hunter-Lab	74.3199, -38.0394, 23.7589

Details

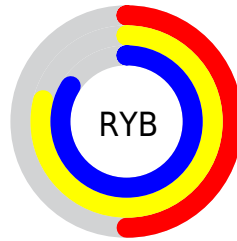
The Hex color **80D791** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D780C6**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **B8FFC7**, and **49A05E** is the 20% darker color. If you saturate the color by 10%, you get **6BD780**, and if you desaturate by 10%, it is **96D7A2**.

Distribution



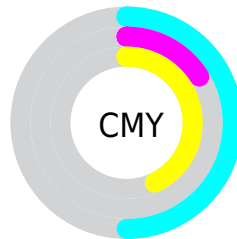
- Red (50%)
- Green (84%)
- Blue (57%)



- Red (50%)
- Yellow (79%)
- Blue (84%)



- Cyan (40%)
- Magenta (0%)
- Yellow (33%)
- Black (16%)



- Cyan (50%)
- Magenta (16%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80D791 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 80D791 by changing the saturation by 10% instead.

 80D791

 80D791

FFFFFF

 65BB77

 B8FFC7

 49A05E

 D5FFE3

 2C8546

 F2FFFF

 036B2E

 005218

 003A00

 002600

 000000

 80D791

 80D791

 6BD780

 96D7A2

 55D76E

 ABD7B4

 3FD75D

 C1D7C5

 2AD74C

 D6D7D6

 14D73B

 ECD7E7

 00D72A

 FFD7F9

 FFD7FF

Harmonies

Analogous

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



B7CE71



80D791



30DBBE

Triad

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



80D791



72CAFF



FFA39D

Complementary

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



80D791



D780C6

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.



FFA0CA



80D791



C2BAFF

Square

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



80D791



00D5FF



F9A9F6



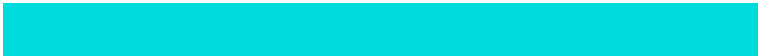
FFB079

Rectangle

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



80D791



00DCDD



F9A9F6



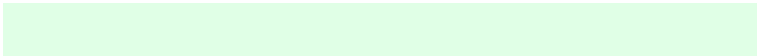
FFA0AC

Sweetspot

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



80D791



E0FFE6



C7D780



6E8071



000000



808080

Same Dimension

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



80D791



82FF9A



80D7BB



606B62



00AB21



002B08

Inverse Universe

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



D780C6



FF82E7



D7809C



6B6069



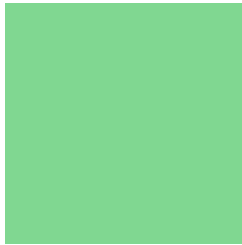
AB0089



2B0023

Previews

White Background



This preview shows how the Hex color 80D791 looks on a white background.

Color Contrast Check

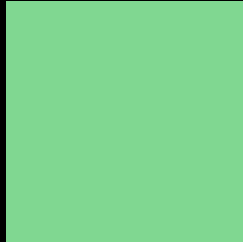
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 80D791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

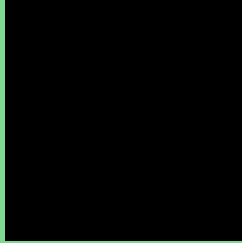
Any Text WCAG AA ✓ Pass

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 80D791 Background



This preview shows how black text looks on a background with the Hex color 80D791.

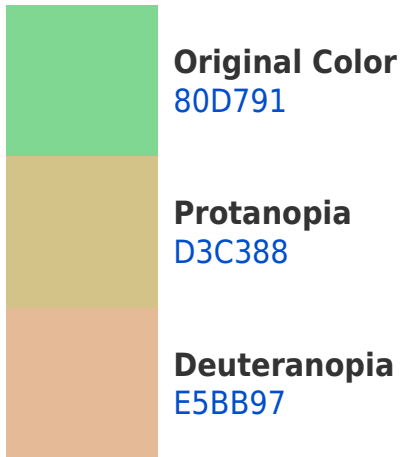


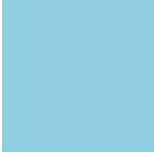
This preview shows how white text looks on a background with the Hex color 80D791.

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](#).

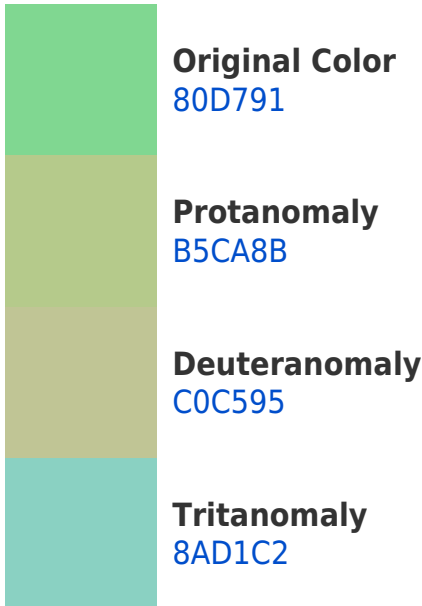
Dichromacy



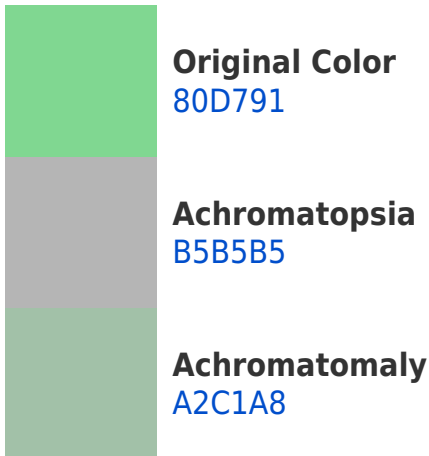


Tritanopia
90CDDE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80D791 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 #80D791 looks like.

```
.text, #text, p{  
    color:#80D791  
}
```

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 #80D791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80D791
}
```

Border

The CSS property to change the border of an element to Hex 80D791 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
#80D791 }
```

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

```
.border{ border-color:#80D791 }
```

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

Here you see how a box with a 4 pixel #80D791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80D791; -webkit-box-shadow:4px 4px  
4px 4px #80D791; box-shadow:4px 4px 4px  
4px #80D791 }
```

Background

The CSS property to change the background color of an element to Hex 80D791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80D791 }
```

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

```
.background{ background-color:#80D791 }
```

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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