

Converting Colors

Hex(80D395)

Have a look what the booklet for
Hex(80D395) contains.

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Color

Hex(80D395)

Conversions

Conversions Part 1

Format	Color
Hex	80D395
RGB	128, 211, 149
RGB Percent	50%, 83%, 58%
CMY	0.4980, 0.1725, 0.4157
CMYK	0.39, 0.00, 0.29, 0.17
HSL	135°, 49%, 66%
HSV	135°, 39%, 83%
XYZ	37.6212, 53.3477, 36.7481
YIQ	179.1150, -29.5660, -36.8780

Conversions

Conversions Part 2

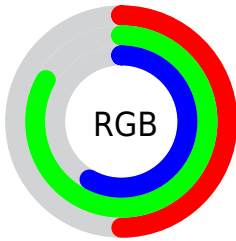
Format	Color
RYB	128, 194, 211
Decimal	8442773
CIELab	78.08, -38.40, 22.96
CIElCh	78, 44.742, 149.127
Yxy	53.3477, 0.2946, 0.4177
Android (android.graphics.Color)	4286632853 (0xFF80D395)
YUV	179.1150, -14.8467, -44.8279
Hunter-Lab	73.0395, -35.8773, 21.2973

Details

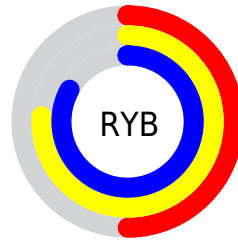
The Hex color **80D395** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D380BE**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **B8FFCB**, and **4A9C62** is the 20% darker color. If you saturate the color by 10%, you get **6BD385**, and if you desaturate by 10%, it is **95D3A5**.

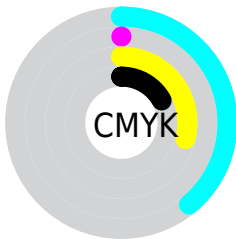
Distribution



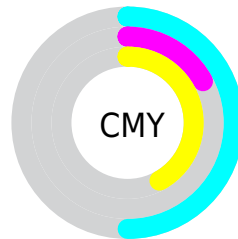
- Red (50%)
- Green (83%)
- Blue (58%)



- Red (50%)
- Yellow (76%)
- Blue (83%)



- Cyan (39%)
- Magenta (0%)
- Yellow (29%)
- Black (17%)



- Cyan (50%)
- Magenta (17%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80D395 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 80D395 by changing the saturation by 10% instead.

 80D395

 80D395

FFFFFF

 65B77B

 B8FFCB

 4A9C62

 D4FFE8

 2D814A

 F1FFFF

 086832

 004F1C

 003705

 002300

 000000

 80D395

 80D395

 6BD385

 95D3A5

 56D375

 AAD3B5

 41D366


 BFD3C4

 2CD356

 D4D3D4

 17D346

 EAD3E4

 01D336

 FFD3F4

 00D335

 FFD3FF

Harmonies

Analogous

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



B2CB77



80D395



40D7BE

Triad

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



80D395



7FC6FF



FFA49B

Complementary

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



80D395



D380BE

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.



FFA0C4



80D395



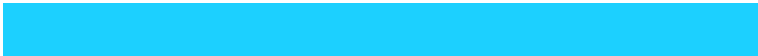
C3B7FF

Square

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



80D395



1CD0FF



F4A8EC



FEB07B

Rectangle

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



80D395



00D7DB



F4A8EC



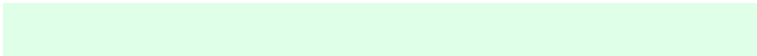
FFA1A8

Sweetspot

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



80D395



E0FFE8



BED380



6E8072



000000



808080

Same Dimension

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



80D395



87FFA5



80D3BE



5E6961



00A82B



00290A

Inverse Universe

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



D380BE



FF87E1



D38095



695E66



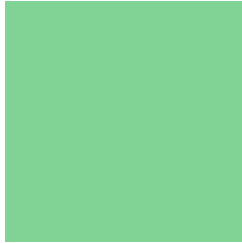
A8007E



29001E

Previews

White Background



This preview shows how the Hex color 80D395 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 80D395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

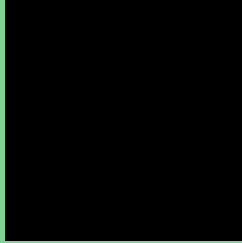
Any Text WCAG AA ✓ Pass

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 80D395 Background



This preview shows how black text looks on a background with the Hex color 80D395.

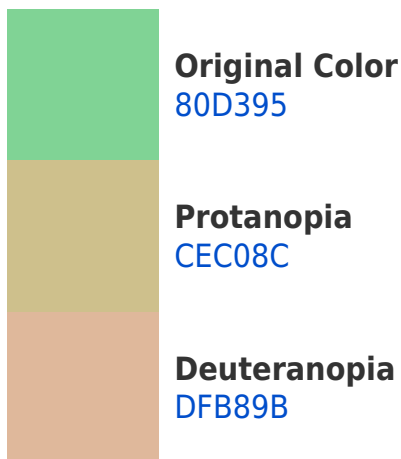


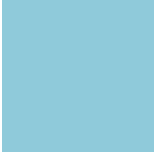
This preview shows how white text looks on a background with the Hex color 80D395.

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
8FCADA

Trichromacy



Original Color
80D395



Protanomaly
B2C78F



Deuteranomaly
BCC299



Tritanomaly
8ACDC1

Monochromacy



Original Color
80D395



Achromatopsia
B3B3B3



Achromatomaly
A0BFA8

CSS Examples

Text

The CSS property to change the color of the text to Hex 80D395 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 #80D395 looks like.

```
.text, #text, p{  
    color:#80D395  
}
```

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 #80D395 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80D395
}
```

Border

The CSS property to change the border of an element to Hex 80D395 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
#80D395 }
```

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

```
.border{ border-color:#80D395 }
```

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

Here you see how a box with a 4 pixel #80D395 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80D395; -webkit-box-shadow:4px 4px  
4px 4px #80D395; box-shadow:4px 4px 4px  
4px #80D395 }
```

Background

The CSS property to change the background color of an element to Hex 80D395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80D395 }
```

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

```
.background{ background-color:#80D395 }
```

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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