

Converting Colors

Hex(78D370)

Have a look what the booklet for
Hex(78D370) contains.

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Color

Hex(78D370)

Conversions

Conversions Part 1

Format	Color
Hex	78D370
RGB	120, 211, 112
RGB Percent	47%, 83%, 44%
CMY	0.5294, 0.1725, 0.5608
CMYK	0.43, 0.00, 0.47, 0.17
HSL	115°, 53%, 63%
HSV	115°, 47%, 83%
XYZ	33.9646, 51.7515, 23.5281
YIQ	172.5050, -22.4570, -50.0810

Conversions

Conversions Part 2

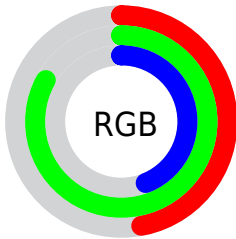
Format	Color
RYB	112, 211, 203
Decimal	7918448
CIELab	77.13, -46.62, 40.56
CIElCh	77, 61.790, 138.978
Yxy	51.7515, 0.3109, 0.4737
Android (android.graphics.Color)	4286108528 (0xFF78D370)
YUV	172.5050, -29.8290, -46.0469
Hunter-Lab	71.9385, -41.6164, 30.9656

Details

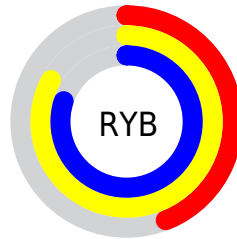
The Hex color **78D370** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **CB70D3**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **B1FFA5**, and **3F9C3D** is the 20% darker color. If you saturate the color by 10%, you get **65D35B**, and if you desaturate by 10%, it is **8BD385**.

Distribution



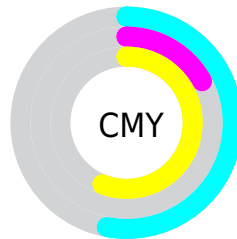
- Red (47%)
- Green (83%)
- Blue (44%)



- Red (44%)
- Yellow (83%)
- Blue (80%)



- Cyan (43%)
- Magenta (0%)
- Yellow (47%)
- Black (17%)



- Cyan (53%)
- Magenta (17%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78D370 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 78D370 by changing the saturation by 10% instead.

 78D370

 78D370

FFFFFF

 5CB756

 B1FFA5

 3F9C3D

 CDFFC1

 1E8124

 EBFFDD

 006707

 FFFFFA

 004E00

 003600

 002000

 000000

 78D370

 78D370

 65D35B

 8BD385

 51D346

 9FD39A

 3ED331

 B2D3AF

 2AD31C

 C6D3C4

 17D307

 D9D3D9

 11D300

 ECD3EF

 FFD3FF

Harmonies

Analogous

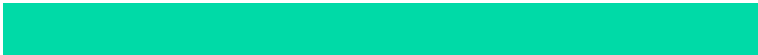
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



BBC74B



78D370



00DAA7

Triad

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



78D370



00CBFF



FF8E9C

Complementary

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



78D370



CB70D3

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.



FF8FD6



78D370



9DB8FF

Square

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



78D370



00D6FF



F0A1FF



FF9E6A

Rectangle

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



78D370



00DBC9



F0A1FF



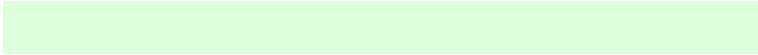
FF8CAF

Sweetspot

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



78D370



DEFFDB



D3CB70



6C806A



000000



808080

Same Dimension

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



78D370



7CFF70



70D399



5F695E



0EA800



032900

Inverse Universe

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



CB70D3



F370FF



D370AA



685E69



9B00A8



260029

Previews

White Background



This preview shows how the Hex color 78D370 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 78D370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

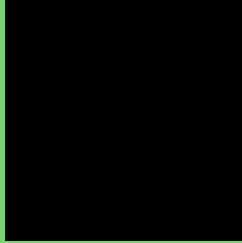
Any Text WCAG AA ✓ Pass

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 78D370 Background



This preview shows how black text looks on a background with the Hex color 78D370.

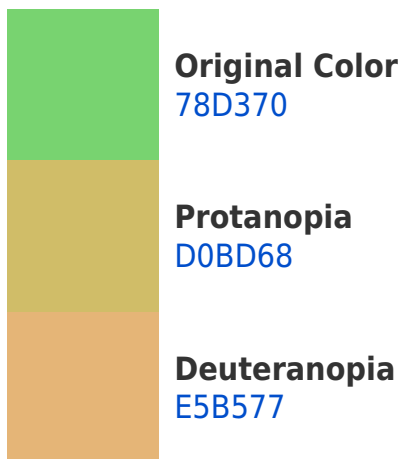


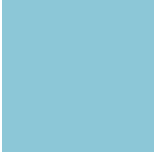
This preview shows how white text looks on a background with the Hex color 78D370.

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](#).

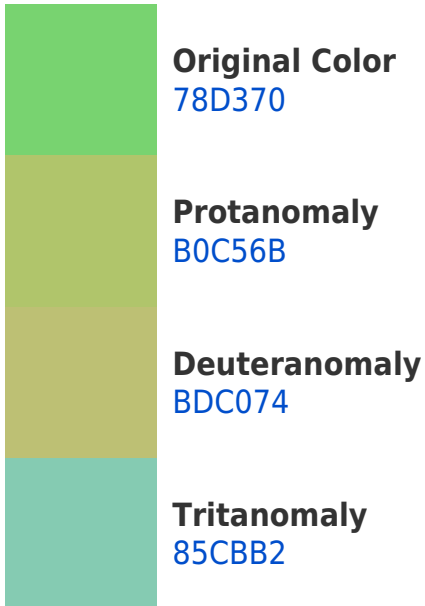
Dichromacy



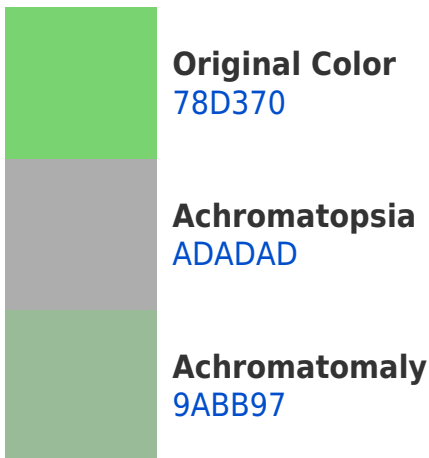


Tritanopia
8CC7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 78D370 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 #78D370 looks like.

```
.text, #text, p{  
    color:#78D370  
}
```

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 #78D370 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78D370
}
```

Border

The CSS property to change the border of an element to Hex 78D370 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
#78D370 }
```

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

```
.border{ border-color:#78D370 }
```

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

Here you see how a box with a 4 pixel #78D370 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78D370; -webkit-box-shadow:4px 4px  
4px 4px #78D370; box-shadow:4px 4px 4px  
4px #78D370 }
```

Background

The CSS property to change the background color of an element to Hex 78D370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78D370 }
```

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

```
.background{ background-color:#78D370 }
```

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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