

Converting Colors

Hex(77D680)

Have a look what the booklet for
Hex(77D680) contains.

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Color

Hex(77D680)

Conversions

Conversions Part 1

Format	Color
Hex	77D680
RGB	119, 214, 128
RGB Percent	47%, 84%, 50%
CMY	0.5333, 0.1608, 0.4980
CMYK	0.44, 0.00, 0.40, 0.16
HSL	126°, 54%, 65%
HSV	126°, 44%, 84%
XYZ	35.5506, 53.5736, 28.8891
YIQ	175.7910, -29.0140, -46.8860

Conversions

Conversions Part 2

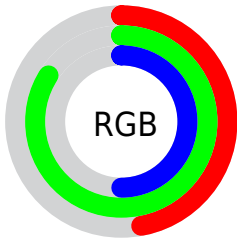
Format	Color
RYB	119, 206, 214
Decimal	7853696
CIELab	78.21, -45.84, 33.92
CIElCh	78, 57.022, 143.498
Yxy	53.5736, 0.3012, 0.4540
Android (android.graphics.Color)	4286043776 (0xFF77D680)
YUV	175.7910, -23.5610, -49.8057
Hunter-Lab	73.1940, -41.3913, 27.8345

Details

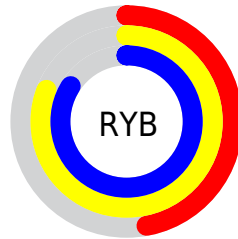
The Hex color **77D680** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D677CD**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **B0FFB6**, and **3E9E4D** is the 20% darker color. If you saturate the color by 10%, you get **62D66D**, and if you desaturate by 10%, it is **8CD693**.

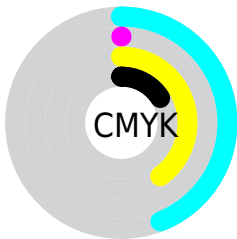
Distribution



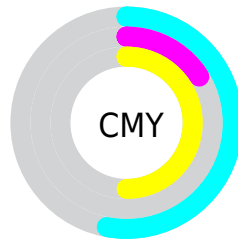
- Red (47%)
- Green (84%)
- Blue (50%)



- Red (47%)
- Yellow (81%)
- Blue (84%)



- Cyan (44%)
- Magenta (0%)
- Yellow (40%)
- Black (16%)



- Cyan (53%)
- Magenta (16%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77D680 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 77D680 by changing the saturation by 10% instead.

 77D680

 77D680

FFFFFF

 5BBA66

 B0FFB6

 3E9E4D

 CCFFD2

 1D8435

 EAFFEE

 006A1D

 005103

 003900

 002300

 000000

 77D680

 77D680

■ 62D66D

■ 8CD693

■ 4CD659

■ A2D6A7

■ 37D646

■ B7D6BA

■ 21D633

■ CDD6CD

■ 0CD61F

■ E2D6E1

■ 00D614

■ F7D6F4

■ FFD6FF

Harmonies

Analogous

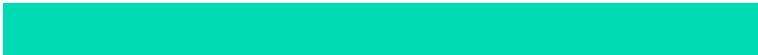
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B7CB5C



77D680



00DBB4

Triad

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



77D680



35CBFF



FF979A

Complementary

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



77D680



D677CD

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.



FF95CF



77D680



B2B8FF

Square

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



77D680



00D7FF



F8A3FF



FFA76E

Rectangle

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



77D680



00DCD8



F8A3FF



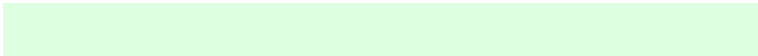
FF95AB

Sweetspot

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



77D680



DEFFE1



CED677



6B806D



000000



808080

Same Dimension

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



77D680



78FF85



77D6AE



606B61



00AB10



002B04

Inverse Universe

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



D677CD



FF78F2



D6779F



6B606A



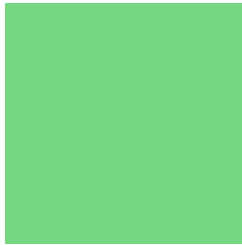
AB009B



2B0027

Previews

White Background



This preview shows how the Hex color 77D680 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 77D680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

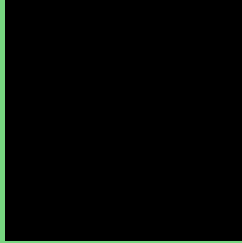
Any Text WCAG AA ✓ Pass

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 77D680 Background



This preview shows how black text looks on a background with the Hex color 77D680.

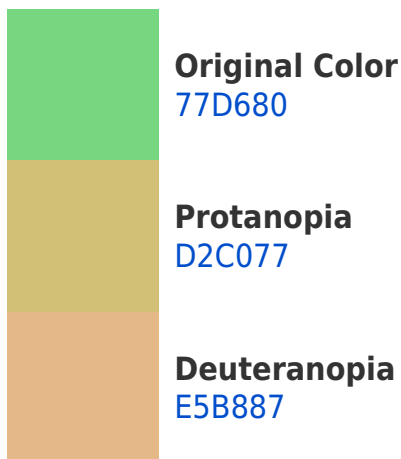


This preview shows how white text looks on a background with the Hex color 77D680.

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



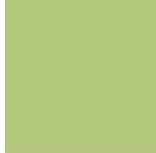


Tritanopia
8ACBDB

Trichromacy



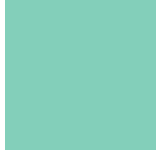
Original Color
77D680



Protanomaly
B1C87A



Deuteranomaly
BDC384

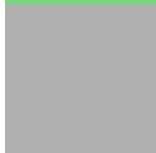


Tritanomaly
83CFBA

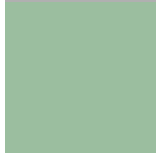
Monochromacy



Original Color
77D680



Achromatopsia
B0B0B0



Achromatomaly
9BBE9F

CSS Examples

Text

The CSS property to change the color of the text to Hex 77D680 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 #77D680 looks like.

```
.text, #text, p{  
    color:#77D680  
}
```

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 #77D680 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77D680
}
```

Border

The CSS property to change the border of an element to Hex 77D680 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
#77D680 }
```

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

```
.border{ border-color:#77D680 }
```

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

Here you see how a box with a 4 pixel #77D680 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77D680; -webkit-box-shadow:4px 4px  
4px 4px #77D680; box-shadow:4px 4px 4px  
4px #77D680 }
```

Background

The CSS property to change the background color of an element to Hex 77D680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77D680 }
```

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

```
.background{ background-color:#77D680 }
```

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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