

Converting Colors

Hex(77DB60)

Have a look what the booklet for
Hex(77DB60) contains.

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Color

Hex(77DB60)

Conversions

Conversions Part 1

Format	Color
Hex	77DB60
RGB	119, 219, 96
RGB Percent	47%, 86%, 38%
CMY	0.5333, 0.1412, 0.6235
CMYK	0.46, 0.00, 0.56, 0.14
HSL	109°, 63%, 62%
HSV	109°, 56%, 86%
XYZ	35.0506, 55.4295, 19.9179
YIQ	175.0780, -20.1170, -59.4530

Conversions

Conversions Part 2

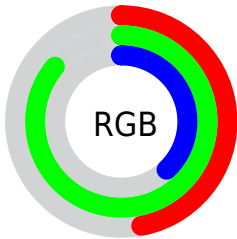
Format	Color
RYB	96, 219, 196
Decimal	7854944
CIELab	79.29, -52.17, 50.76
CIELCh	79, 72.786, 135.787
Yxy	55.4295, 0.3175, 0.5021
Android (android.graphics.Color)	4286045024 (0xFF77DB60)
YUV	175.0780, -38.9855, -49.1804
Hunter-Lab	74.4510, -46.2537, 36.2538

Details

The Hex color **77DB60** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C460DB**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **B1FF96**, and **3BA32B** is the 20% darker color. If you saturate the color by 10%, you get **65DB4A**, and if you desaturate by 10%, it is **89DB76**.

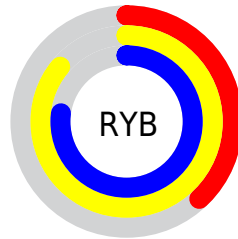
Distribution



Red (47%)

Green (86%)

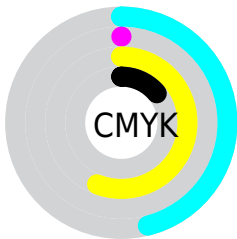
Blue (38%)



Red (38%)

Yellow (86%)

Blue (77%)

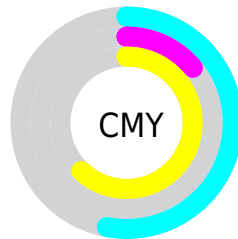


Cyan (46%)

Magenta (0%)

Yellow (56%)

Black (14%)



Cyan (53%)

Magenta (14%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77DB60 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 77DB60 by changing the saturation by 10% instead.

 77DB60

 77DB60

FFFFFF

 5ABF46

 B1FF96

 3BA32B

 CEFFB1

 148809

 ECFFCE

 006E00

 FFFFEA

 005500

 003C00

 002600

 000000

 77DB60

 77DB60

 65DB4A

 89DB76

 53DB34

 9BDB8C

 42DB1E

 ACDBA2

 30DB08

 BEDBB8

 29DB00

 D0DBCD

 E2DBE3

 F4DBF9

 FFDBFF

Harmonies

Analogous

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



C6CC33



77DB60



00E3A1

Triad

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



77DB60



00D5FF



FF86A3

Complementary

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



77DB60



C460DB

Split Complementary

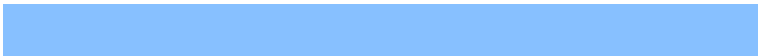
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF8AE8



77DB60



87C0FF

Square

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



77DB60



00E1FF



F5A3FF



FF9A65

Rectangle

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



77DB60



00E5D0



F5A3FF



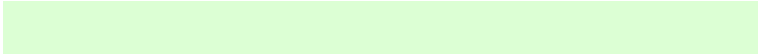
FF84BA

Sweetspot

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



77DB60



DCFFD4



DBC260



6B8066



000000



808080

Same Dimension

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



77DB60



74FF54



60DB85



656E63



20AD00



092E00

Inverse Universe

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



C460DB



DF54FF



DB60B6



6C636E



8D00AD



25002E

Previews

White Background



This preview shows how the Hex color 77DB60 looks on a white background.

Color Contrast Check

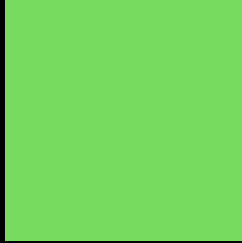
Large Text (above 18pt) WCAG AA × Fail

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 77DB60 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

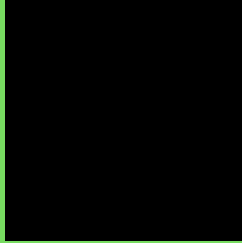
Any Text WCAG AA ✓ Pass

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 77DB60 Background



This preview shows how black text looks on a background with the Hex color 77DB60.

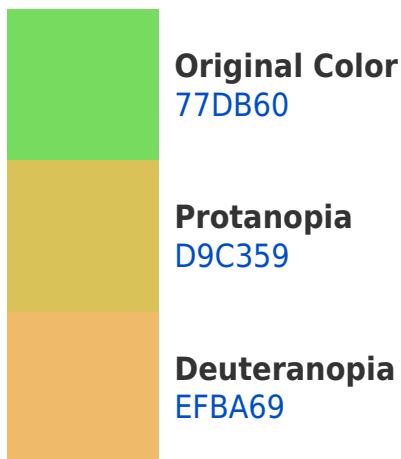


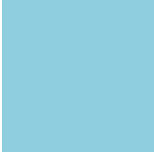
This preview shows how white text looks on a background with the Hex color 77DB60.

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](#).

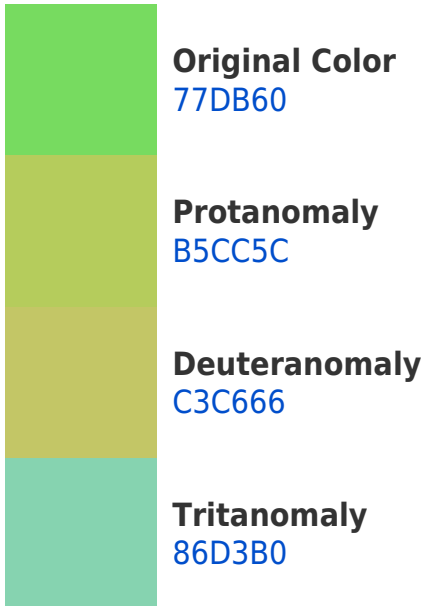
Dichromacy



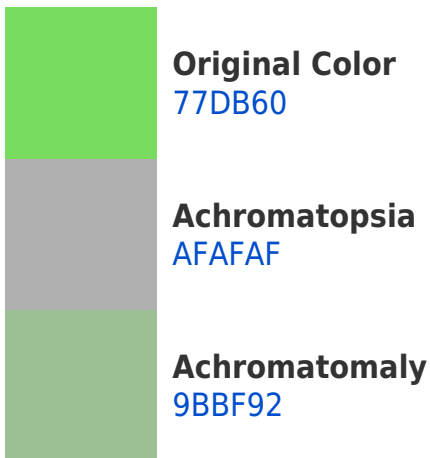


Tritanopia
8FCEDE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 77DB60 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 #77DB60 looks like.

```
.text, #text, p{  
    color:#77DB60  
}
```

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 #77DB60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77DB60
}
```

Border

The CSS property to change the border of an element to Hex 77DB60 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
#77DB60 }
```

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

```
.border{ border-color:#77DB60 }
```

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

Here you see how a box with a 4 pixel #77DB60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77DB60; -webkit-box-shadow:4px 4px  
4px 4px #77DB60; box-shadow:4px 4px 4px  
4px #77DB60 }
```

Background

The CSS property to change the background color of an element to Hex 77DB60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77DB60 }
```

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

```
.background{ background-color:#77DB60 }
```

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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