

Converting Colors

Hex(77BD75)

Have a look what the booklet for
Hex(77BD75) contains.

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Color

Hex(77BD75)

Conversions

Conversions Part 1

Format	Color
Hex	77BD75
RGB	119, 189, 117
RGB Percent	47%, 74%, 46%
CMY	0.5333, 0.2588, 0.5412
CMYK	0.37, 0.00, 0.38, 0.26
HSL	118°, 35%, 60%
HSV	118°, 38%, 74%
XYZ	29.0162, 41.6015, 23.3302
YIQ	159.8620, -18.6080, -37.2320

Conversions

Conversions Part 2

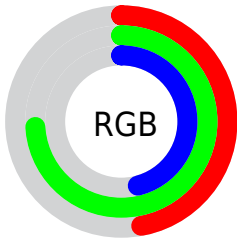
Format	Color
RYB	117, 189, 187
Decimal	7847285
CIELab	70.60, -36.59, 29.62
CIELCh	71, 47.075, 141.003
Yxy	41.6015, 0.3089, 0.4428
Android (android.graphics.Color)	4286037365 (0xFF77BD75)
YUV	159.8620, -21.1310, -35.8360
Hunter-Lab	64.4992, -32.5719, 23.7035

Details

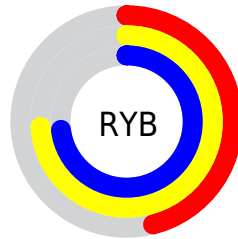
The Hex color **77BD75** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BB75BD**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **AEF6AA**, and **428744** is the 20% darker color. If you saturate the color by 10%, you get **65BD62**, and if you desaturate by 10%, it is **89BD88**.

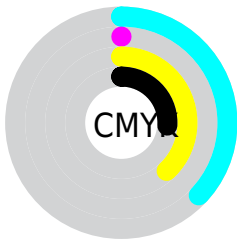
Distribution



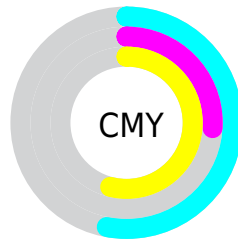
- Red (47%)
- Green (74%)
- Blue (46%)



- Red (46%)
- Yellow (74%)
- Blue (73%)



- Cyan (37%)
- Magenta (0%)
- Yellow (38%)
- Black (26%)



- Cyan (53%)
- Magenta (26%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77BD75 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 77BD75 by changing the saturation by 10% instead.

 77BD75

 77BD75

FFFFFF

 5CA25C

 AEF6AA

 428744

 CAFFC5

 276D2C

 E7FFE1

 025415

FFFFFFE

 003D00

 002700

 000400

 000000

 77BD75

 77BD75

 65BD62

 89BD88

 52BD4F

 9CBD9B

 40BD3C

 AEBDAE

 2EBD29

 C1BDC1

 1BBD16

 D3BDD4

 09BD04

 E5BDE6

 05BD00

 F8BDF9

 FFBDFE

Harmonies

Analogous

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



A9B35A



77BD75



2DC29E

Triad

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



77BD75



44B5FF



FE8B90

Complementary

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



77BD75



BB75BD

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.



F68BBB



77BD75



9CA6FD

Square

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



77BD75



00BEEE



D596E3



F0966C

Rectangle

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



77BD75



00C3BC



D596E3



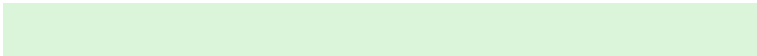
FE8A9E

Sweetspot

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



77BD75



DBF5DA



BDBB75



6B7A6A



FAFAFA



7A7A7A

Same Dimension

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



77BD75



87F584



75BD97



555E55



049E00



011F00

Inverse Universe

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



BB75BD



F284F5



BD759B



5E555E



9A009E



1E001F

Previews

White Background



This preview shows how the Hex color 77BD75 looks on a white background.

Color Contrast Check

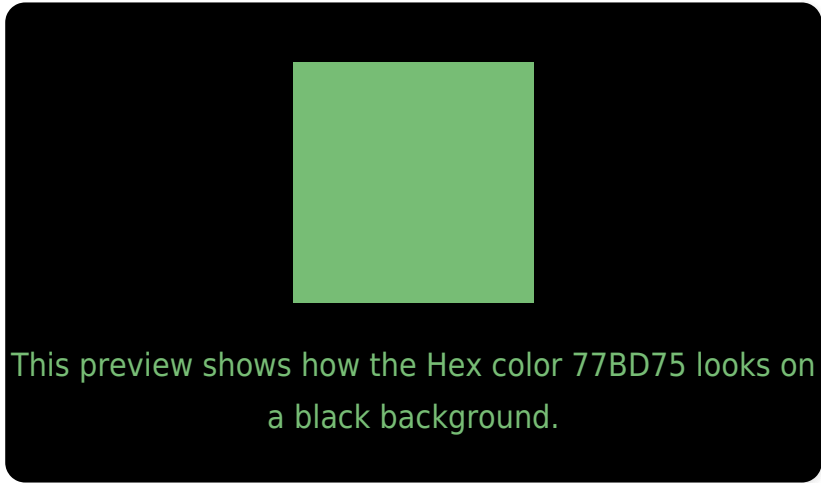
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

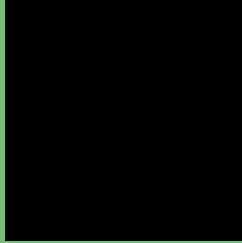
Any Text WCAG AA ✓ Pass

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 77BD75 Background



This preview shows how black text looks on a background with the Hex color 77BD75.

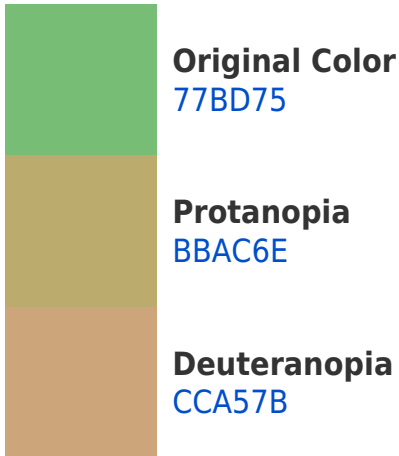


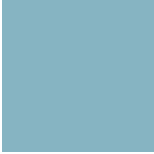
This preview shows how white text looks on a background with the Hex color 77BD75.

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
86B4C2

Trichromacy



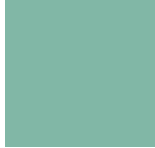
Original Color
77BD75



Protanomaly
A2B271



Deuteranomaly
ADAE79



Tritanomaly
81B7A6

Monochromacy



Original Color
77BD75



Achromatopsia
A0A0A0



Achromatomaly
91AB90

CSS Examples

Text

The CSS property to change the color of the text to Hex 77BD75 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 #77BD75 looks like.

```
.text, #text, p{  
    color:#77BD75  
}
```

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 #77BD75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77BD75
}
```

Border

The CSS property to change the border of an element to Hex 77BD75 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
#77BD75 }
```

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

```
.border{ border-color:#77BD75 }
```

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

Here you see how a box with a 4 pixel #77BD75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77BD75; -webkit-box-shadow:4px 4px  
4px 4px #77BD75; box-shadow:4px 4px 4px  
4px #77BD75 }
```

Background

The CSS property to change the background color of an element to Hex 77BD75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77BD75 }
```

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

```
.background{ background-color:#77BD75 }
```

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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