

Converting Colors

Hex(77A75D)

Have a look what the booklet for
Hex(77A75D) contains.

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Color

Hex(77A75D)

Conversions

Conversions Part 1

Format	Color
Hex	77A75D
RGB	119, 167, 93
RGB Percent	47%, 65%, 36%
CMY	0.5333, 0.3451, 0.6353
CMYK	0.29, 0.00, 0.44, 0.35
HSL	99°, 30%, 51%
HSV	99°, 44%, 65%
XYZ	23.4022, 32.3497, 15.3666
YIQ	144.2120, -4.8540, -33.1900

Conversions

Conversions Part 2

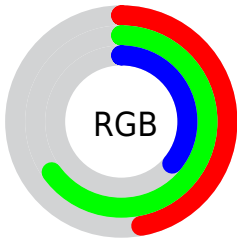
Format	Color
RYB	93, 167, 141
Decimal	7841629
CIELab	63.63, -29.85, 33.17
CIELCh	64, 44.623, 131.990
Yxy	32.3497, 0.3291, 0.4549
Android (android.graphics.Color)	4286031709 (0xFF77A75D)
YUV	144.2120, -25.2475, -22.1109
Hunter-Lab	56.8768, -26.0896, 23.7951

Details

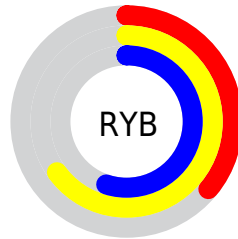
The Hex color **77A75D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8D5DA7**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **ADDE90**, and **44732D** is the 20% darker color. If you saturate the color by 10%, you get **6CA74C**, and if you desaturate by 10%, it is **82A76E**.

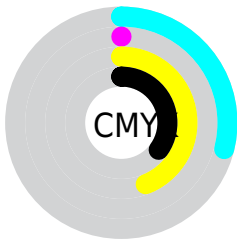
Distribution



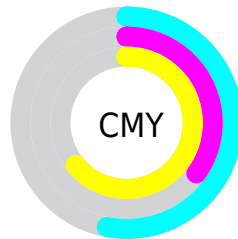
- Red (47%)
- Green (65%)
- Blue (36%)



- Red (36%)
- Yellow (65%)
- Blue (55%)



- Cyan (29%)
- Magenta (0%)
- Yellow (44%)
- Black (35%)



- Cyan (53%)
- Magenta (35%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 77A75D 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 77A75D by changing the saturation by 10% instead.

 77A75D

 77A75D

FFFFFF

 5D8C44

 ADDE90

 44732D

 C9FBAB

 2A5A15

 E5FFC7

 104200

 FFFFE3

 002B00

 001500

 000000

 77A75D

 77A75D

 6CA74C

 82A76E

 61A73C

 8DA77E

 57A72B

 97A78F

 4CA71A

 A2A7A0

 41A709

 ADA7B0

 3BA700

 B8A7C1

 C3A7D2

 CEA7E3

 D8A7F3

Harmonies

Analogous

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



A39D4A



77A75D



3CAD80

Triad

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



77A75D



00A5E5



E5798C

Complementary

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



77A75D



8D5DA7

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.



D77DB4



77A75D



7699E8

Square

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



77A75D



00ACCE



B28AD5



DE8167

Rectangle

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



77A75D



00AE9C



B28AD5



E37999

Sweetspot

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



77A75D



C6D9BD



A78C5D



626E5C



EDEDED



6E6E6E

Same Dimension

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



77A75D



8ED966



5DA767



4F544C



349400



071400

Inverse Universe

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



8D5DA7



B066D9



A75D9D



514C54



600094



0D0014

Previews

White Background



This preview shows how the Hex color 77A75D looks on a white background.

Color Contrast Check

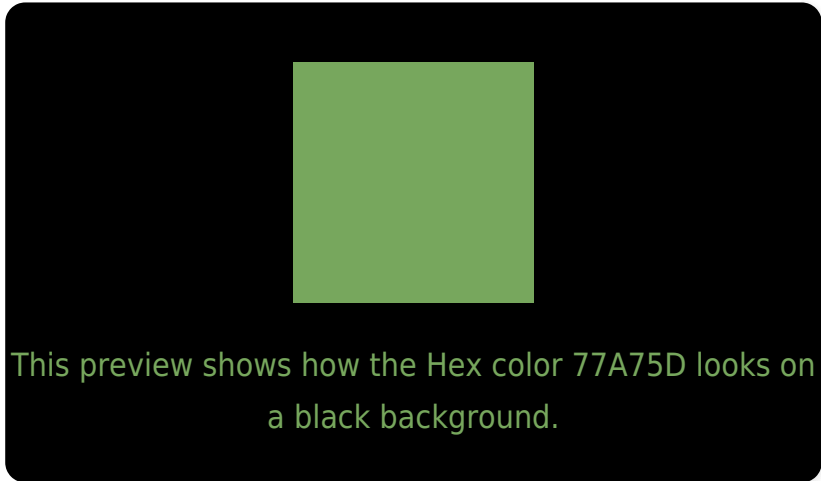
Large Text (above 18pt) WCAG AA × Fail

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 77A75D Background



This preview shows how black text looks on a background with the Hex color 77A75D.

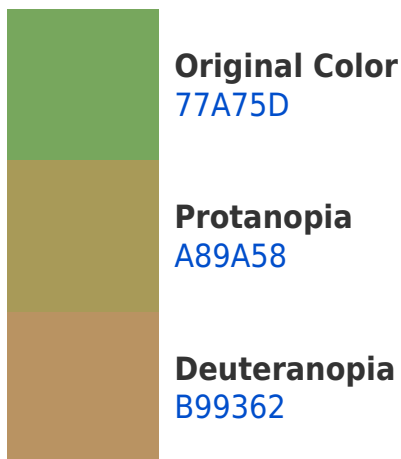


This preview shows how white text looks on a background with the Hex color 77A75D.

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
839EAB

Trichromacy



Original Color
77A75D

Protanomaly
969F5A

Deuteranomaly
A19A60

Tritanomaly
7FA18F

Monochromacy



Original Color
77A75D

Achromatopsia
909090

Achromatomaly
87987D

CSS Examples

Text

The CSS property to change the color of the text to Hex 77A75D 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 #77A75D looks like.

```
.text, #text, p{  
    color:#77A75D  
}
```

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 #77A75D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77A75D
}
```

Border

The CSS property to change the border of an element to Hex 77A75D 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
#77A75D }
```

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

```
.border{ border-color:#77A75D }
```

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

Here you see how a box with a 4 pixel #77A75D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77A75D; -webkit-box-shadow:4px 4px  
4px 4px #77A75D; box-shadow:4px 4px 4px  
4px #77A75D }
```

Background

The CSS property to change the background color of an element to Hex 77A75D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77A75D }
```

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

```
.background{ background-color:#77A75D }
```

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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