

Converting Colors

Hex(76C2A5)

Have a look what the booklet for
Hex(76C2A5) contains.

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Color

Hex(76C2A5)

Conversions

Conversions Part 1

Format	Color
Hex	76C2A5
RGB	118, 194, 165
RGB Percent	46%, 76%, 65%
CMY	0.5373, 0.2392, 0.3529
CMYK	0.39, 0.00, 0.15, 0.24
HSL	157°, 38%, 61%
HSV	157°, 39%, 76%
XYZ	33.5545, 45.1517, 42.5440
YIQ	167.9700, -35.9870, -25.1310

Conversions

Conversions Part 2

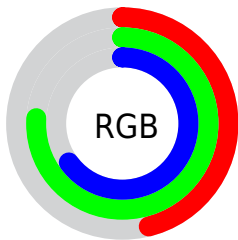
Format	Color
RYB	118, 165, 194
Decimal	7783077
CIELab	72.99, -30.21, 7.22
CIElCh	73, 31.057, 166.557
Yxy	45.1517, 0.2767, 0.3724
Android (android.graphics.Color)	4285973157 (0xFF76C2A5)
YUV	167.9700, -1.4642, -43.8237
Hunter-Lab	67.1950, -28.4555, 9.4976

Details

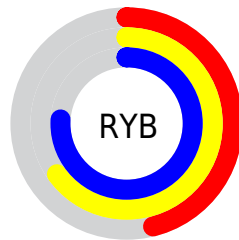
The Hex color **76C2A5** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C27693**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **ADFBDC**, and **408C71** is the 20% darker color. If you saturate the color by 10%, you get **63C29E**, and if you desaturate by 10%, it is **89C2AC**.

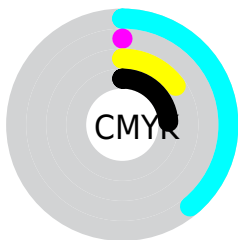
Distribution



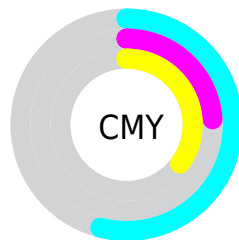
- Red (46%)
- Green (76%)
- Blue (65%)



- Red (46%)
- Yellow (65%)
- Blue (76%)



- Cyan (39%)
- Magenta (0%)
- Yellow (15%)
- Black (24%)



- Cyan (54%)
- Magenta (24%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76C2A5 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 76C2A5 by changing the saturation by 10% instead.



76C2A5



76C2A5

FFFFFF



5BA78B



ADFBDC



408C71



C9FFF9



247259



E6FFFF



005941



00412B



002A17



001200



000000



76C2A5



76C2A5

 63C29E

 89C2AC

 4FC296

 9DC2B4

 3CC28F

 B0C2BB

 28C287

 C4C2C3

 15C280

 D7C2CA

 02C279

 EAC2D1

 00C278

 FEC2D9

 FFC2E0

 FFC2E8

Harmonies

Analogous

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



97BE8B



76C2A5



5CC3C2

Triad

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



76C2A5



A5B0E9



E6A48B

Complementary

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



76C2A5



C27693

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.



EC9EA4



76C2A5



CBA6DA

Square

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



76C2A5



7BBAEA



E39FC1



D3AD7C

Rectangle

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



76C2A5



58C1D4



E39FC1



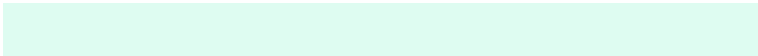
EAA193

Sweetspot

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



76C2A5



DEF1CF



93C276



6E8079



000000



808080

Same Dimension

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



76C2A5



86FCCF



76B9C2



57615D



00A163



002115

Inverse Universe

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



C27693



FC86B3



C27F76



61575B



A1003D



21000D

Previews

White Background



This preview shows how the Hex color 76C2A5 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 76C2A5 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 76C2A5 Background



This preview shows how black text looks on a background with the Hex color 76C2A5.

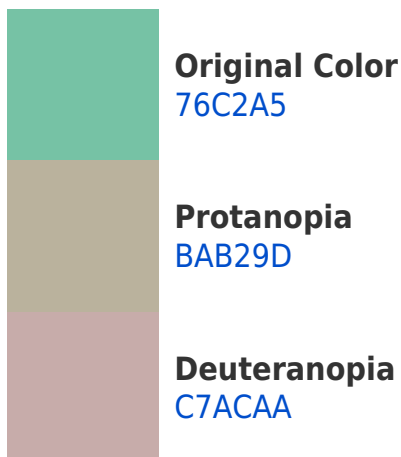


This preview shows how white text looks on a background with the Hex color 76C2A5.

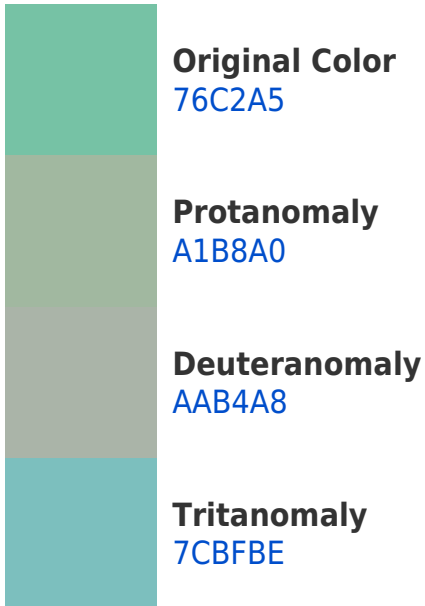
Color Blindness Simulation

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](#).

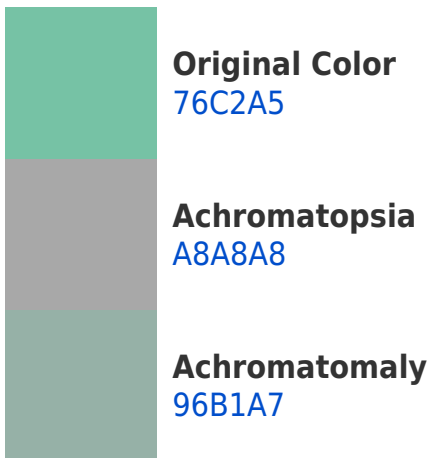
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76C2A5 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 #76C2A5 looks like.

```
.text, #text, p{  
    color:#76C2A5  
}
```

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 #76C2A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76C2A5
}
```

Border

The CSS property to change the border of an element to Hex 76C2A5 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
#76C2A5 }
```

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

```
.border{ border-color:#76C2A5 }
```

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

Here you see how a box with a 4 pixel #76C2A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76C2A5; -webkit-box-shadow:4px 4px  
4px 4px #76C2A5; box-shadow:4px 4px 4px  
4px #76C2A5 }
```

Background

The CSS property to change the background color of an element to Hex 76C2A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76C2A5 }
```

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

```
.background{ background-color:#76C2A5 }
```

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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