

Converting Colors

Hex(76A5A5)

Have a look what the booklet for
Hex(76A5A5) contains.

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Color

Hex(76A5A5)

Conversions

Conversions Part 1

Format	Color
Hex	76A5A5
RGB	118, 165, 165
RGB Percent	46%, 65%, 65%
CMY	0.5373, 0.3529, 0.3529
CMYK	0.28, 0.00, 0.00, 0.35
HSL	180°, 21%, 55%
HSV	180°, 28%, 65%
XYZ	27.7179, 33.4784, 40.5984
YIQ	150.9470, -28.0120, -9.9640

Conversions

Conversions Part 2

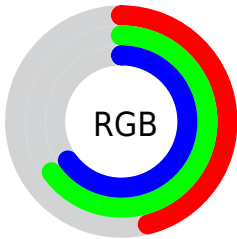
Format	Color
RYB	118, 142, 165
Decimal	7775653
CIELab	64.55, -15.61, -5.08
CIElCh	65, 16.416, 198.016
Yxy	33.4784, 0.2723, 0.3289
Android (android.graphics.Color)	4285965733 (0xFF76A5A5)
YUV	150.9470, 6.9281, -28.8945
Hunter-Lab	57.8605, -15.7462, -1.0990

Details

The Hex color **76A5A5** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A57676**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **ACDCDC**, and **437171** is the 20% darker color. If you saturate the color by 10%, you get **66A5A5**, and if you desaturate by 10%, it is **86A5A5**.

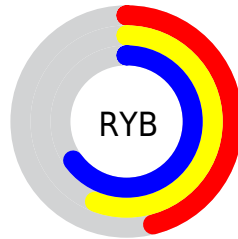
Distribution



Red (46%)

Green (65%)

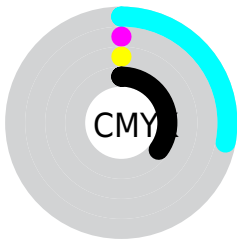
Blue (65%)



Red (46%)

Yellow (56%)

Blue (65%)

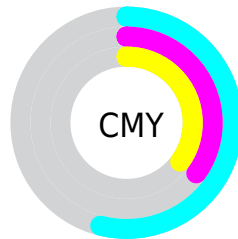


Cyan (28%)

Magenta (0%)

Yellow (0%)

Black (35%)



Cyan (54%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76A5A5 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 76A5A5 by changing the saturation by 10% instead.



76A5A5



76A5A5

FFFFFF



5C8B8B



ACDCDC



437171



C7F9F8



2A5859



E4FFFF



104141



002B2B



001817



000000



76A5A5



76A5A5



66A5A5



86A5A5

 55A5A5

 97A5A5

 45A5A5

 A7A5A5

 34A5A5


 B8A5A5

 24A5A5

 C8A5A5

 13A5A5

 D9A5A5

 02A5A5

 E9A5A5

 00A5A5

 FAA5A5

 FFA5A5

Harmonies

Analogous

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



7FA596



76A5A5



78A3B2

Triad

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



76A5A5



AA96B0



AE9A80

Complementary

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



76A5A5



A57676

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.



B89587



76A5A5



B793A3

Square

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



76A5A5



989BB8



BB9394



9F9E81

Rectangle

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



76A5A5



80A1B7



BB9394



B29882

Sweetspot

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



76A5A5



C3D6D6



76A576



5F6B6B



EBEBEB



6B6B6B

Same Dimension

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



76A5A5



8DD6D6



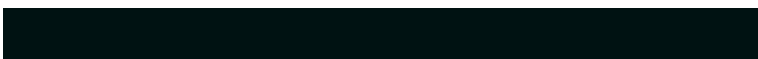
768DA5



495252



009191



001212

Inverse Universe

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



A576A5



D68DD6



A58D76



524952



910091



120012

Previews

White Background



This preview shows how the Hex color 76A5A5 looks on a white background.

Color Contrast Check

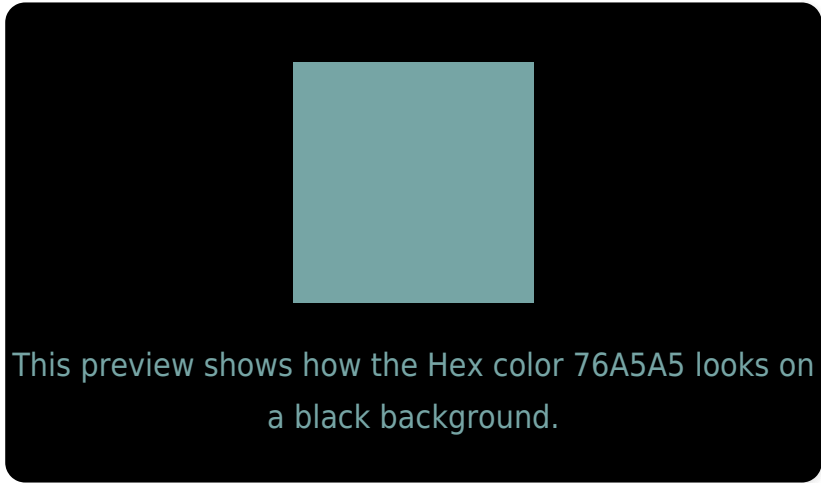
Large Text (above 18pt) WCAG AA × Fail

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

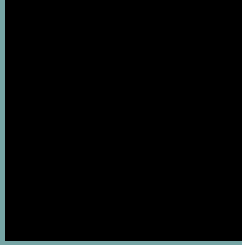
Any Text WCAG AA ✓ Pass

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 76A5A5 Background



This preview shows how black text looks on a background with the Hex color 76A5A5.

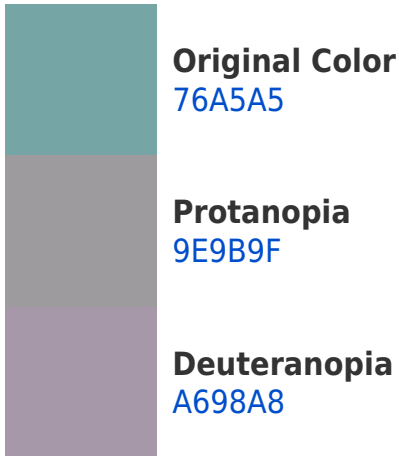


This preview shows how white text looks on a background with the Hex color 76A5A5.

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
79A3B0

Trichromacy



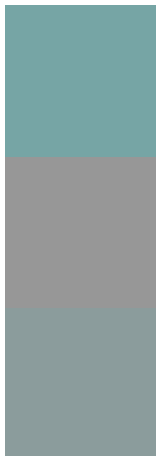
Original Color
76A5A5

Protanomaly
8F9FA1

Deuteranomaly
959DA7

Tritanomaly
78A4AC

Monochromacy



Original Color
76A5A5

Achromatopsia
979797

Achromatomaly
8B9C9C

CSS Examples

Text

The CSS property to change the color of the text to Hex 76A5A5 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 #76A5A5 looks like.

```
.text, #text, p{  
    color:#76A5A5  
}
```

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 #76A5A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76A5A5
}
```

Border

The CSS property to change the border of an element to Hex 76A5A5 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
#76A5A5 }
```

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

```
.border{ border-color:#76A5A5 }
```

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

Here you see how a box with a 4 pixel #76A5A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76A5A5; -webkit-box-shadow:4px 4px  
4px 4px #76A5A5; box-shadow:4px 4px 4px  
4px #76A5A5 }
```

Background

The CSS property to change the background color of an element to Hex 76A5A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76A5A5 }
```

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

```
.background{ background-color:#76A5A5 }
```

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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