

Converting Colors

Hex(0758A5)

Have a look what the booklet for
Hex(0758A5) contains.

Hex(0758A5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0758A5)

Conversions

Conversions Part 1

Format	Color
Hex	0758A5
RGB	7, 88, 165
RGB Percent	3%, 35%, 65%
CMY	0.9725, 0.6549, 0.3529
CMYK	0.96, 0.47, 0.00, 0.35
HSL	209°, 92%, 34%
HSV	209°, 96%, 65%
XYZ	10.3689, 9.7412, 36.9311
YIQ	72.5590, -72.9930, 6.7750

Conversions

Conversions Part 2

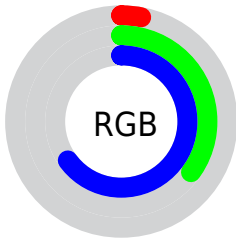
Format	Color
RYB	7, 61, 165
Decimal	481445
CIELab	37.37, 8.85, -47.45
CIElCh	37, 48.273, 280.564
Yxy	9.7412, 0.1818, 0.1708
Android (android.graphics.Color)	4278671525 (0xFF0758A5)
YUV	72.5590, 45.5734, -57.4952
Hunter-Lab	31.2109, 4.6820, -48.3086

Details

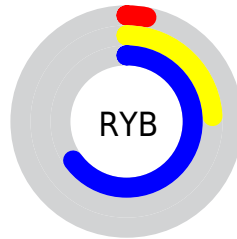
The Hex color **0758A5** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A55407**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **5989DD**, and **002C70** is the 20% darker color. If you saturate the color by 10%, you get **0055A5**, and if you desaturate by 10%, it is **1860A5**.

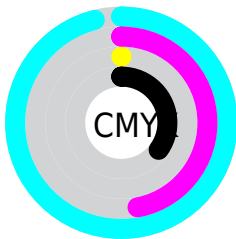
Distribution



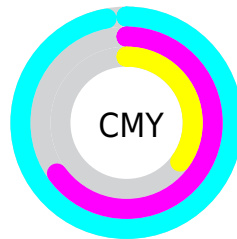
- Red (3%)
- Green (35%)
- Blue (65%)



- Red (3%)
- Yellow (24%)
- Blue (65%)



- Cyan (96%)
- Magenta (47%)
- Yellow (0%)
- Black (35%)



- Cyan (97%)
- Magenta (65%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0758A5 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 0758A5 by changing the saturation by 10% instead.

0758A5

0758A5

FFFFFF

00418A

5989DD

002C70

77A3F9

001957

95BEFF

00073F

B2DAFF

000329

CFF6FF

000112

EDFFFF

000000

0758A5

0758A5

0055A5

1860A5

■ 2868A5

■ 3970A5

■ 4978A5

■ 5A80A5

■ 6A88A5

■ 7A90A5

■ 8B98A5

■ 9BA0A5

Harmonies

Analogous

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



0063A1



0758A5



6B4794

Triad

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



0758A5



953B27



00683C

Complementary

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



0758A5



A55407

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.



326316



0758A5



7F4D03

Square

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



0758A5



9D2F4C



5E5B00



006A65

Rectangle

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



0758A5



873B7F



5E5B00



00672F

Sweetspot

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



0758A5



98B8D6



07A553



46596B



EBEBEB



6B6B6B

Same Dimension

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



0758A5



006ED6



070AA5



494E52



004B91



000912

Inverse Universe

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



A50758



D6006E



A5A207



52494E



91004B



120009

Previews

White Background



This preview shows how the Hex color 0758A5 looks on a white background.

Color Contrast Check

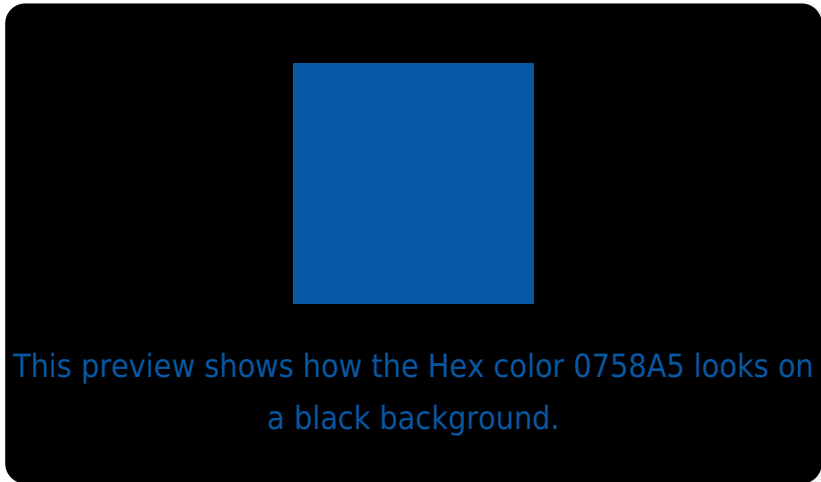
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

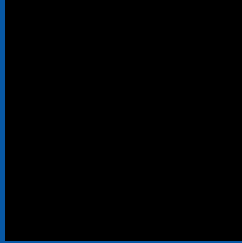
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0758A5 Background



This preview shows how black text looks on a background with the Hex color 0758A5.



This preview shows how white text looks on a background with the Hex color 0758A5.

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](#).

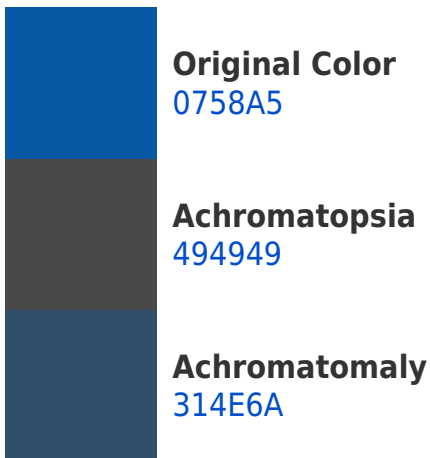
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0758A5 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 #0758A5 looks like.

```
.text, #text, p{  
    color:#0758A5  
}
```

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 #0758A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0758A5
}
```

Border

The CSS property to change the border of an element to Hex 0758A5 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
#0758A5 }
```

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

```
.border{ border-color:#0758A5 }
```

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

Here you see how a box with a 4 pixel #0758A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0758A5; -webkit-box-shadow:4px 4px  
4px 4px #0758A5; box-shadow:4px 4px 4px  
4px #0758A5 }
```

Background

The CSS property to change the background color of an element to Hex 0758A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0758A5 }
```

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

```
.background{ background-color:#0758A5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor