

Converting Colors

Hex(7658AF)

Have a look what the booklet for
Hex(7658AF) contains.

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Color

Hex(7658AF)

Conversions

Conversions Part 1

Format	Color
Hex	7658AF
RGB	118, 88, 175
RGB Percent	46%, 35%, 69%
CMY	0.5373, 0.6549, 0.3137
CMYK	0.33, 0.50, 0.00, 0.31
HSL	261°, 35%, 52%
HSV	261°, 50%, 69%
XYZ	18.6988, 13.9261, 42.2599
YIQ	106.8880, -10.0470, 33.4170

Conversions

Conversions Part 2

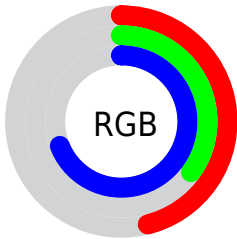
Format	Color
R_{YB}	118, 88, 175
Decimal	7755951
CIE Lab	44.13, 31.63, -42.22
CIE LCh	44, 52.757, 306.842
Yxy	13.9261, 0.2497, 0.1860
Android (android.graphics.Color)	4285946031 (0xFF7658AF)
YUV	106.8880, 33.5792, 9.7452
Hunter-Lab	37.3177, 24.1349, -41.0196

Details

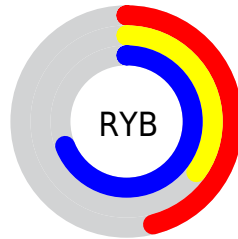
The Hex color **7658AF** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **91AF58**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **AD8BE7**, and **41297A** is the 20% darker color. If you saturate the color by 10%, you get **6B46AF**, and if you desaturate by 10%, it is **816AAF**.

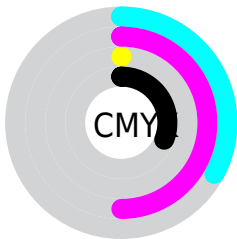
Distribution



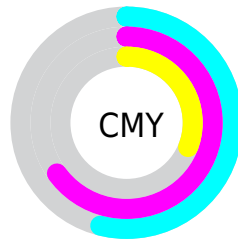
- Red (46%)
- Green (35%)
- Blue (69%)



- Red (46%)
- Yellow (35%)
- Blue (69%)



- Cyan (33%)
- Magenta (50%)
- Yellow (0%)
- Black (31%)



- Cyan (54%)
- Magenta (65%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7658AF 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 7658AF by changing the saturation by 10% instead.

7658AF

7658AF

FFFFFF

5C4094

AD8BE7

41297A

C9A5FF

271361

E6C0FF

0A0048

FFDDFF

000031

FFF9FF

00011B

000000

7658AF

7658AF

6B46AF

816AAF

5F35AF

8D7BAF

5423AF

988CAF

4812AF

A49EAF

3D00AF

AFB0AF

3C00AF

BBC1AF

C6D3AF

D2E4AF

DDF6AF

Harmonies

Analogous

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



006AC0



7658AF



A4448C

Triad

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



7658AF



985910



007D71

Complementary

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



7658AF



91AF58

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.



007A44



7658AF



746A00

Square

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



7658AF



B04636



467419



007C9C

Rectangle

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



7658AF



B33C6F



467419



007C62

Sweetspot

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



7658AF



CDC1E3



5892AF



655E73



F2F2F2



737373

Same Dimension

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



7658AF



8A5BE3



A158AF



514E57



340096



080017

Inverse Universe

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



AF5891



E35BB4



66AF58



574E54



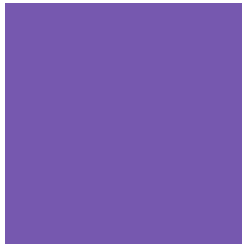
960063



17000F

Previews

White Background



This preview shows how the Hex color 7658AF looks on a white background.

Color Contrast Check

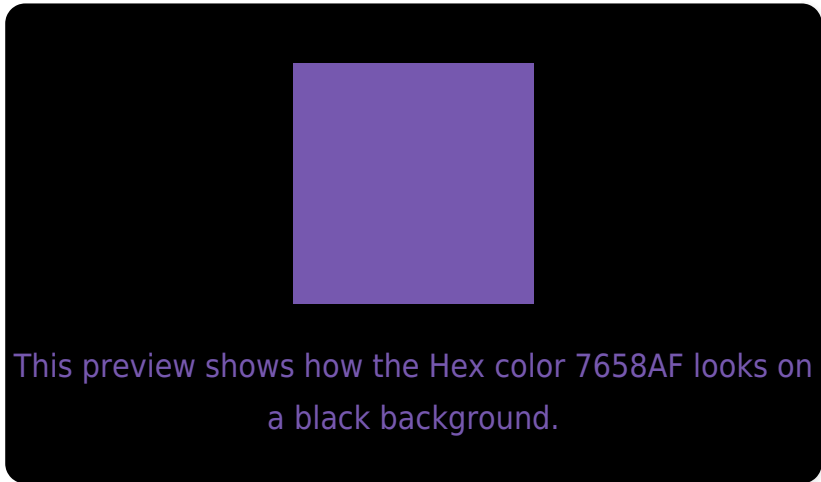
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 7658AF Background



This preview shows how black text looks on a background with the Hex color 7658AF.

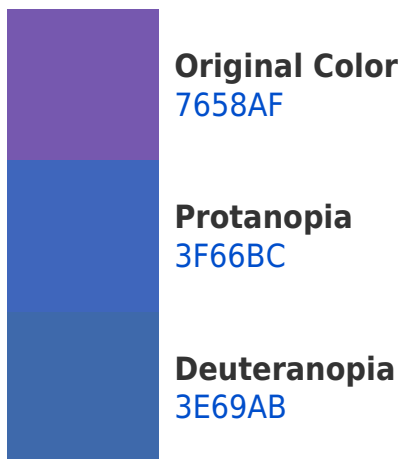



This preview shows how white text looks on a background with the Hex color 7658AF.

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](#).

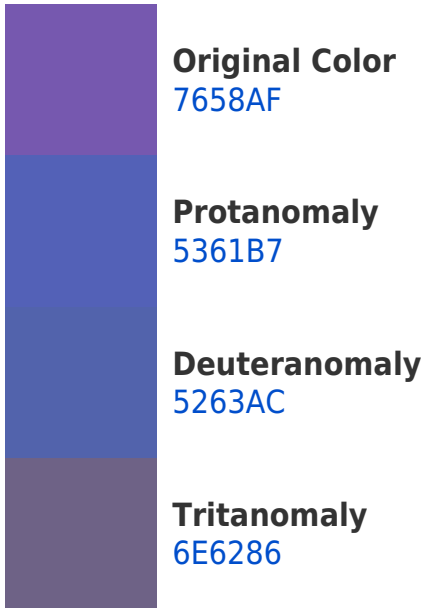
Dichromacy



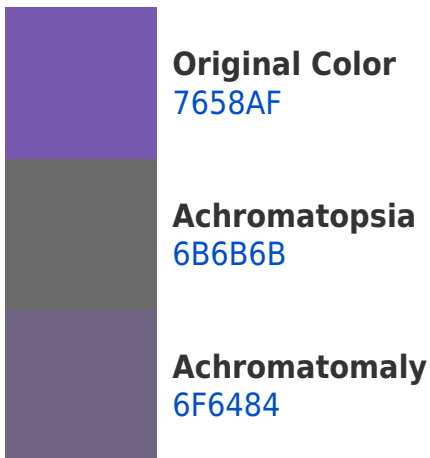


Tritanopia
69676F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7658AF 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 #7658AF looks like.

```
.text, #text, p{  
    color:#7658AF  
}
```

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 #7658AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7658AF
}
```

Border

The CSS property to change the border of an element to Hex 7658AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

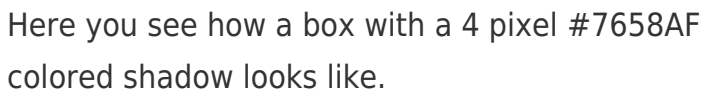
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7658AF }
```

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

```
.border{ border-color:#7658AF }
```

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



Here you see how a box with a 4 pixel #7658AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7658AF; -webkit-box-shadow:4px 4px  
4px 4px #7658AF; box-shadow:4px 4px 4px  
4px #7658AF }
```

Background

The CSS property to change the background color of an element to Hex 7658AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7658AF }
```

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

```
.background{ background-color:#7658AF }
```

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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