

Converting Colors

Hex(7668B5)

Have a look what the booklet for
Hex(7668B5) contains.

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Color

Hex(7668B5)

Conversions

Conversions Part 1

Format	Color
Hex	7668B5
RGB	118, 104, 181
RGB Percent	46%, 41%, 71%
CMY	0.5373, 0.5922, 0.2902
CMYK	0.35, 0.43, 0.00, 0.29
HSL	251°, 34%, 56%
HSV	251°, 43%, 71%
XYZ	20.7620, 17.0884, 45.9202
YIQ	116.9640, -16.3730, 26.9150

Conversions

Conversions Part 2

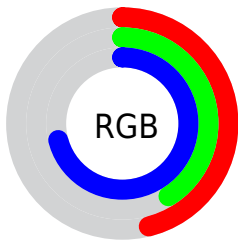
Format	Color
R _Y B	118, 104, 181
Decimal	7760053
CIE Lab	48.37, 23.66, -39.00
CIE LCh	48, 45.617, 301.248
Yxy	17.0884, 0.2478, 0.2040
Android (android.graphics.Color)	4285950133 (0xFF7668B5)
YUV	116.9640, 31.5697, 0.9086
Hunter-Lab	41.3381, 17.3098, -36.9253

Details

The Hex color **7668B5** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A7B568**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **AC9BED**, and **423980** is the 20% darker color. If you saturate the color by 10%, you get **6756B5**, and if you desaturate by 10%, it is **857AB5**.

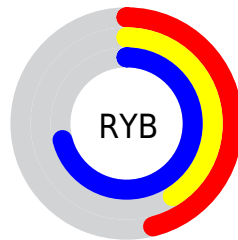
Distribution



Red (46%)

Green (41%)

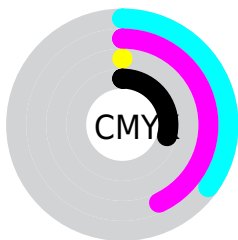
Blue (71%)



Red (46%)

Yellow (41%)

Blue (71%)

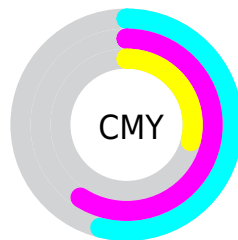


Cyan (35%)

Magenta (43%)

Yellow (0%)

Black (29%)



Cyan (54%)

Magenta (59%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7668B5 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 7668B5 by changing the saturation by 10% instead.



7668B5



7668B5

FFFFFF



5C509A



AC9BED



423980



C8B6FF



272366



E5D2FF



070F4E



FFEEFF



000037



000220



000004



000000



7668B5



7668B5

6756B5

857AB5

5844B5

948CB5

4A32B5

A29EB5

3B20B5

B1B0B5

2C0DB5

C0C3B5

2100B5

CFD5B5

DEE7B5

ECF9B5

FBFFB5

Harmonies

Analogous

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



1777C0



7668B5



A35899

Triad

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



7668B5



A5632F



008673

Complementary

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



7668B5



A7B568

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.



26834C



7668B5



867120

Square

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



7668B5



B7554D



5F7C2D



00859A

Rectangle

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



7668B5



B35180



5F7C2D



008566

Sweetspot

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



7668B5



D2CCEB



68A8B5



666375



F5F5F5



757575

Same Dimension

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



7668B5



8973EB



9B68B5



525059



1C0099



05001A

Inverse Universe

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



B568A7



EB73D5



82B568



595058



99007D



1A0015

Previews

White Background



This preview shows how the Hex color 7668B5 looks on a white background.

Color Contrast Check

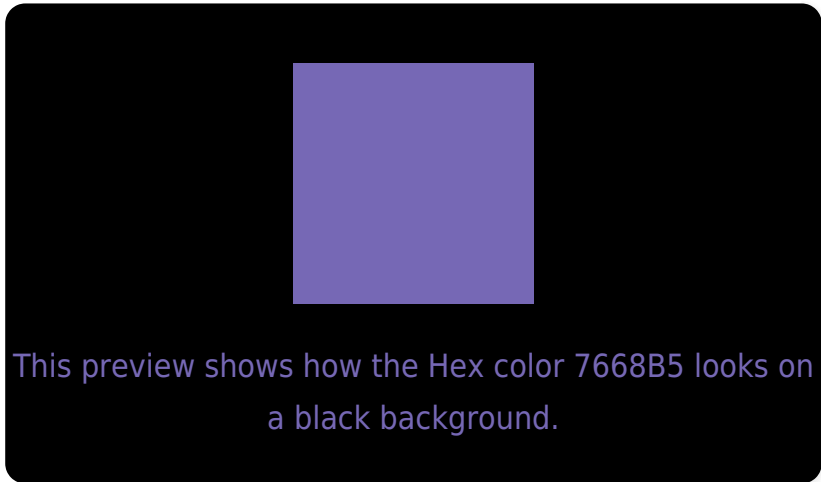
Large Text (above 18pt) WCAG AA ✓ Pass

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

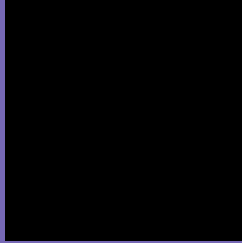
Any Text WCAG AA × Fail

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 7668B5 Background



This preview shows how black text looks on a background with the Hex color 7668B5.

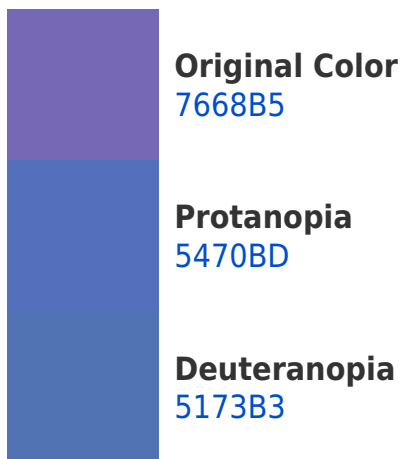


This preview shows how white text looks on a background with the Hex color 7668B5.

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](#).

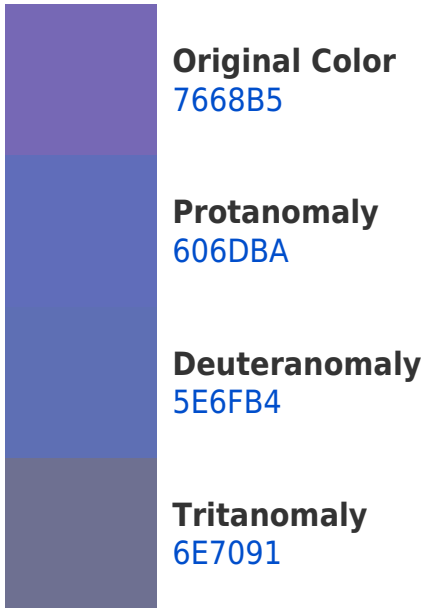
Dichromacy





Tritanopia
6A747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7668B5 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 #7668B5 looks like.

```
.text, #text, p{  
    color:#7668B5  
}
```

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 #7668B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7668B5
}
```

Border

The CSS property to change the border of an element to Hex 7668B5 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
#7668B5 }
```

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

```
.border{ border-color:#7668B5 }
```

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

Here you see how a box with a 4 pixel #7668B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7668B5; -webkit-box-shadow:4px 4px  
4px 4px #7668B5; box-shadow:4px 4px 4px  
4px #7668B5 }
```

Background

The CSS property to change the background color of an element to Hex 7668B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7668B5 }
```

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

```
.background{ background-color:#7668B5 }
```

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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