

Converting Colors

Hex(7558D5)

Have a look what the booklet for
Hex(7558D5) contains.

Hex(7558D5)	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(7558D5)

Conversions

Conversions Part 1

Format	Color
Hex	7558D5
RGB	117, 88, 213
RGB Percent	46%, 35%, 84%
CMY	0.5412, 0.6549, 0.1647
CMYK	0.45, 0.59, 0.00, 0.16
HSL	254°, 60%, 59%
HSV	254°, 59%, 84%
XYZ	22.8361, 15.5655, 64.7516
YIQ	110.9210, -22.8410, 45.0230

Conversions

Conversions Part 2

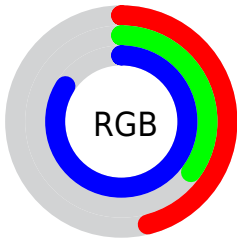
Format	Color
R_{YB}	117, 88, 213
Decimal	7690453
CIE _{Lab}	46.40, 41.87, -60.60
CIE _{LCh}	46, 73.662, 304.643
Yxy	15.5655, 0.2214, 0.1509
Android (android.graphics.Color)	4285880533 (0xFF7558D5)
YUV	110.9210, 50.3249, 5.3313
Hunter-Lab	39.4531, 34.2758, -69.6915

Details

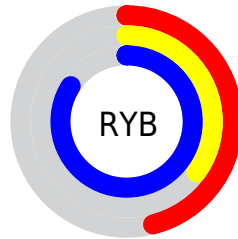
The Hex color **7558D5** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **B8D558**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **AF8BFF**, and **3A289D** is the 20% darker color. If you saturate the color by 10%, you get **6543D5**, and if you desaturate by 10%, it is **856DD5**.

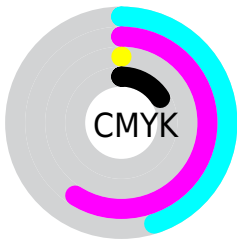
Distribution



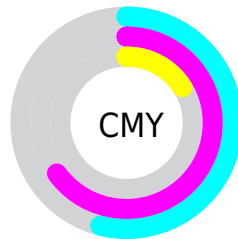
- Red (46%)
- Green (35%)
- Blue (84%)



- Red (46%)
- Yellow (35%)
- Blue (84%)



- Cyan (45%)
- Magenta (59%)
- Yellow (0%)
- Black (16%)



- Cyan (54%)
- Magenta (65%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7558D5 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 7558D5 by changing the saturation by 10% instead.

 7558D5

 7558D5

FFFFFF

 5840B9

 AF8BFF

 3A289D

 CCA6FF

 131183

 E9C1FF

 000069

 FFDDFF

 000050

 FFFAFF

 000538

 000221

 000007

 000000

 7558D5

 7558D5

 6543D5

 856DD5

 542DD5

 9683D5

 4418D5

 A698D5

 3403D5

 B6ADD5

 3100D5

 C7C3D5

 D7D8D5

 E8EDD5

 F8FFD5

 FFFFD5

Harmonies

Analogous

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



0073EB



7558D5



BD2FA4

Triad

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



7558D5



AE5600



008876

Complementary

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



7558D5



B8D558

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.



008535



7558D5



7D6F00

Square

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



7558D5



CF302B



3A7D00



0087B3

Rectangle

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



7558D5



D20F7C



3A7D00



008761

Sweetspot

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



7558D5



DCD1FF



58BAD5



6A6380



000000



808080

Same Dimension

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



7558D5



764DFF



B258D5



63606B



2800AB



0A002B

Inverse Universe

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



D558B8



FF4DD6



7BD558



6B6069



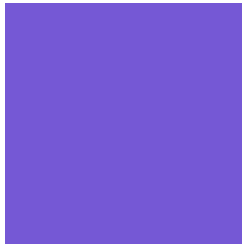
AB0083



2B0021

Previews

White Background



This preview shows how the Hex color 7558D5 looks on a white background.

Color Contrast Check

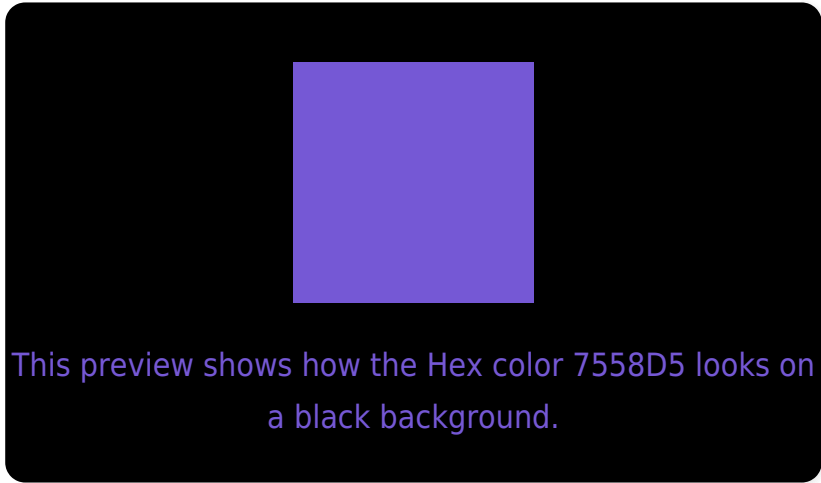
Large Text (above 18pt) WCAG AA ✓ Pass

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

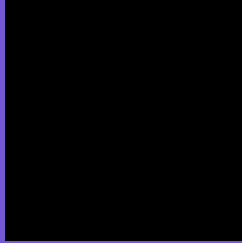
Any Text WCAG AA × Fail

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 7558D5 Background



This preview shows how black text looks on a background with the Hex color 7558D5.

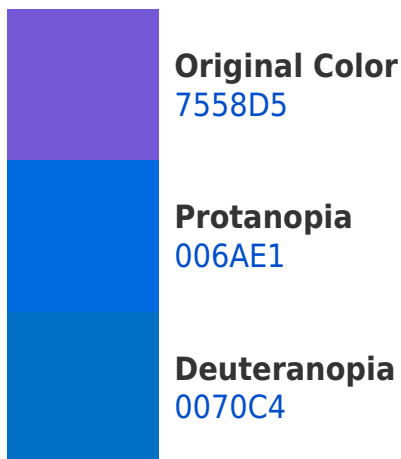


This preview shows how white text looks on a background with the Hex color 7558D5.

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
5D717A

Trichromacy



Original Color
7558D5



Protanomaly
2B63DD



Deuteranomaly
2B67CA



Tritanomaly
66689B

Monochromacy



Original Color
7558D5



Achromatopsia
6F6F6F



Achromatomaly
716794

CSS Examples

Text

The CSS property to change the color of the text to Hex 7558D5 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 #7558D5 looks like.

```
.text, #text, p{  
    color:#7558D5  
}
```

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 #7558D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7558D5
}
```

Border

The CSS property to change the border of an element to Hex 7558D5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

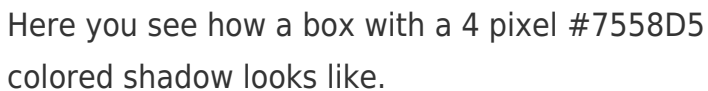
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7558D5 }
```

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

```
.border{ border-color:#7558D5 }
```

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



Here you see how a box with a 4 pixel `#7558D5` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7558D5; -webkit-box-shadow:4px 4px  
4px 4px #7558D5; box-shadow:4px 4px 4px  
4px #7558D5 }
```

Background

The CSS property to change the background color of an element to Hex 7558D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7558D5 }
```

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

```
.background{ background-color:#7558D5 }
```

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