

Converting Colors

Hex(7555B9)

Have a look what the booklet for
Hex(7555B9) contains.

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Color

Hex(7555B9)

Conversions

Conversions Part 1

Format	Color
Hex	7555B9
RGB	117, 85, 185
RGB Percent	46%, 33%, 73%
CMY	0.5412, 0.6667, 0.2745
CMYK	0.37, 0.54, 0.00, 0.27
HSL	259°, 42%, 53%
HSV	259°, 54%, 73%
XYZ	19.3416, 13.7817, 47.5397
YIQ	105.9680, -13.0280, 37.8840

Conversions

Conversions Part 2

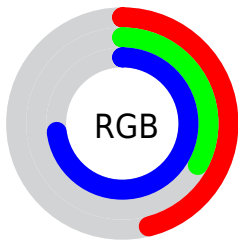
Format	Color
R_{YB}	117, 85, 185
Decimal	7689657
CIE Lab	43.92, 35.83, -48.42
CIE LCh	44, 60.233, 306.499
Yxy	13.7817, 0.2398, 0.1709
Android (android.graphics.Color)	4285879737 (0xFF7555B9)
YUV	105.9680, 38.9628, 9.6751
Hunter-Lab	37.1237, 28.0326, -49.9387

Details

The Hex color **7555B9** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **99B955**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **AC88F2**, and **3F2683** is the 20% darker color. If you saturate the color by 10%, you get **6842B9**, and if you desaturate by 10%, it is **8268B9**.

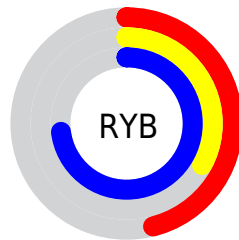
Distribution



Red (46%)

Green (33%)

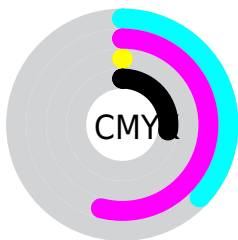
Blue (73%)



Red (46%)

Yellow (33%)

Blue (73%)

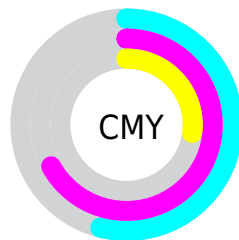


Cyan (37%)

Magenta (54%)

Yellow (0%)

Black (27%)



Cyan (54%)

Magenta (67%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7555B9 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 7555B9 by changing the saturation by 10% instead.

 7555B9

 7555B9

FFFFFF

 5A3D9E


 AC88F2

 3F2683

 C9A2FF

 220F69

 E6BDFF

 000051

 FFD9FF

 000039

 FFF6FF

 000222

 000008

 000000

 7555B9

 7555B9

6842B9

8268B9

5C30B9

8E7AB9

4F1DB9

9B8DB9

430BB9

A79FB9

3B00B9

B4B2B9

C0C4B9

CDD6B9

DAE9B9

E6FCB9

Harmonies

Analogous

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



006BCC



7555B9



AB3B91

Triad

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



7555B9



9D5600



007E72

Complementary

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



7555B9



99B955

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.



007B3D



7555B9



746900

Square

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



755B9



B8E2F



3E7501



007DA2

Rectangle

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



7555B9



BC2E70



3E7501



007D60

Sweetspot

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



7555B9



D6C9F0



5599B9



686178



F7F7F7



787878

Same Dimension

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



7555B9



8654F0



A755B9



56535C



32009C



09001C

Inverse Universe

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



B95599



F054BE



67B955



5C5359



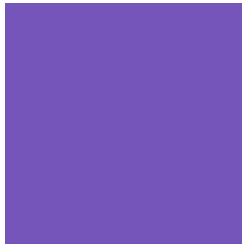
9C006A



1C0013

Previews

White Background



This preview shows how the Hex color 7555B9 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

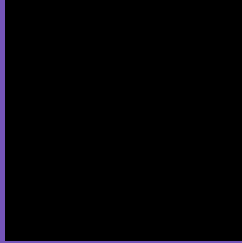
Any Text WCAG AA × Fail

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 7555B9 Background



This preview shows how black text looks on a background with the Hex color 7555B9.

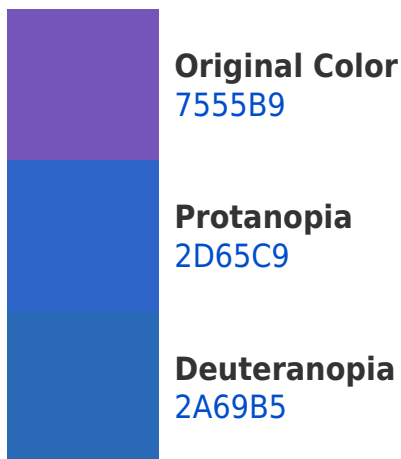


This preview shows how white text looks on a background with the Hex color 7555B9.

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](#).

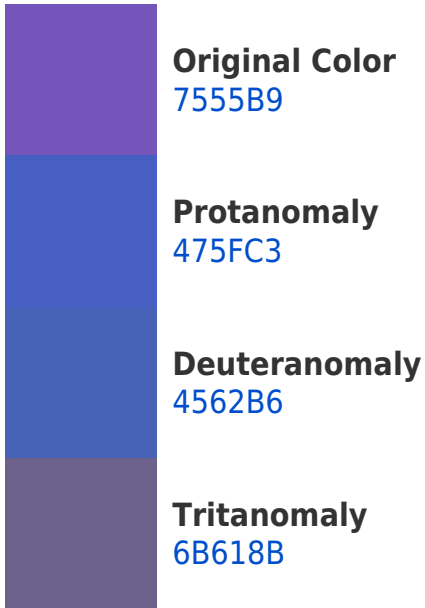
Dichromacy



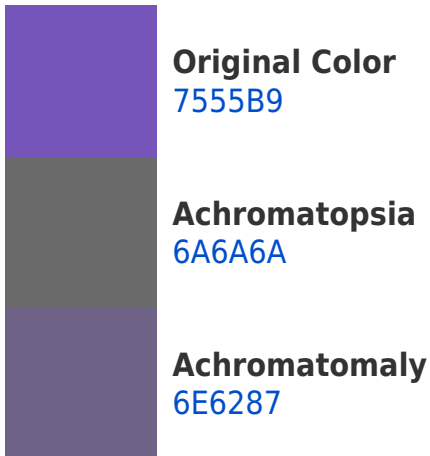


Tritanopia
656870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7555B9 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 #7555B9 looks like.

```
.text, #text, p{  
    color:#7555B9  
}
```

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 #7555B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7555B9
}
```

Border

The CSS property to change the border of an element to Hex 7555B9 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
#7555B9 }
```

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

```
.border{ border-color:#7555B9 }
```

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

Here you see how a box with a 4 pixel #7555B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7555B9; -webkit-box-shadow:4px 4px  
4px 4px #7555B9; box-shadow:4px 4px 4px  
4px #7555B9 }
```

Background

The CSS property to change the background color of an element to Hex 7555B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7555B9 }
```

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

```
.background{ background-color:#7555B9 }
```

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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