

Converting Colors

Hex(7724B5)

Have a look what the booklet for
Hex(7724B5) contains.

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Color

Hex(7724B5)

Conversions

Conversions Part 1

Format	Color
Hex	7724B5
RGB	119, 36, 181
RGB Percent	47%, 14%, 71%
CMY	0.5333, 0.8588, 0.2902
CMYK	0.34, 0.80, 0.00, 0.29
HSL	274°, 67%, 43%
HSV	274°, 80%, 71%
XYZ	16.5791, 8.5199, 44.4867
YIQ	77.3470, 2.9230, 62.6910

Conversions

Conversions Part 2

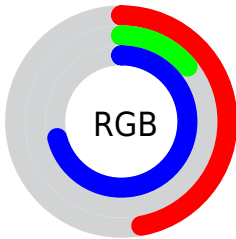
Format	Color
R_{YB}	119, 36, 181
Decimal	7808181
CIE _{Lab}	35.04, 59.36, -60.40
CIE _{LCh}	35, 84.685, 314.500
Yxy	8.5199, 0.2383, 0.1224
Android (android.graphics.Color)	4285998261 (0xFF7724B5)
YUV	77.3470, 51.1009, 36.5297
Hunter-Lab	29.1888, 50.3066, -69.9318

Details

The Hex color **7724B5** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **62B524**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **B05BEE**, and **3E007F** is the 20% darker color. If you saturate the color by 10%, you get **6F12B5**, and if you desaturate by 10%, it is **7F36B5**.

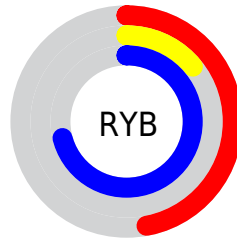
Distribution



Red (47%)

Green (14%)

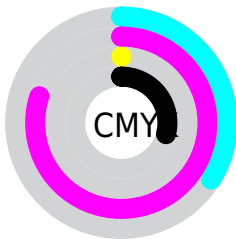
Blue (71%)



Red (47%)

Yellow (14%)

Blue (71%)

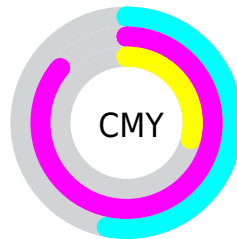


Cyan (34%)

Magenta (80%)

Yellow (0%)

Black (29%)



Cyan (53%)

Magenta (86%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7724B5 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 7724B5 by changing the saturation by 10% instead.

7724B5

7724B5

FFFFFF

5B009A

B05BEE

3E007F

CD76FF

1F0065

EB92FF

00004C

FFADFF

000434

FFCAFF

00021E

FFE7FF

000000

7724B5

7724B5

6F12B5

7F36B5

6800B5

8648B5

8E5AB5

966CB5

9E7FB5

A591B5

ADA3B5

B5B5B5

BDC7B5

Harmonies

Analogous

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



0052D9



7724B5



B30078

Triad

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



7724B5



814200



006B73

Complementary

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



7724B5



62B524

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.



00692B



7724B5



475A00

Square

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



7724B5



AC0000



006500



006BB2

Rectangle

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



7724B5



C0004C



006500



006B5B

Sweetspot

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



7724B5



D3B2EB



2463B5



675375



F5F5F5



757575

Same Dimension

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



7724B5



8A09EB



B524AB



555059



580099



0F001A

Inverse Universe

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



B52462



EB096A



24B52E



595054



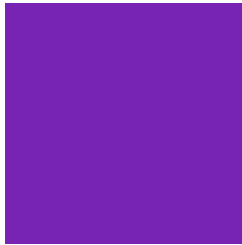
990041



1A000B

Previews

White Background



This preview shows how the Hex color 7724B5 looks on a white background.

Color Contrast Check

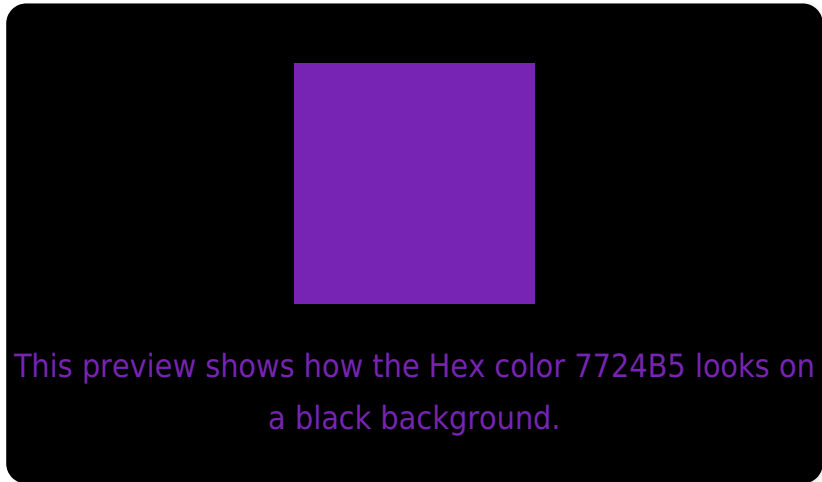
Large Text (above 18pt) WCAG AA ✓ Pass

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

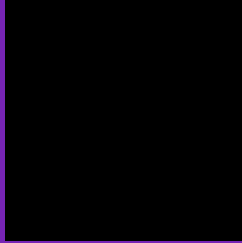
Any Text WCAG AA × Fail

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 7724B5 Background



This preview shows how black text looks on a background with the Hex color 7724B5.

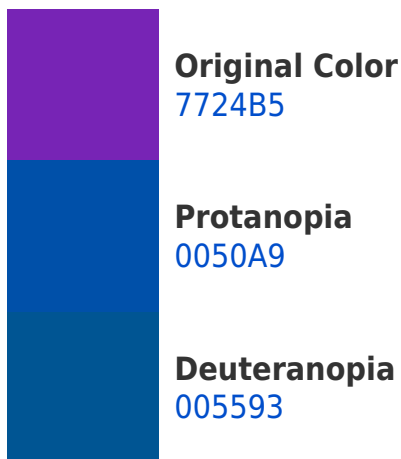


This preview shows how white text looks on a background with the Hex color 7724B5.

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
644D52

Trichromacy



Original Color
7724B5



Protanomaly
2B40AD



Deuteranomaly
2B439F



Tritanomaly
6B3E76

Monochromacy



Original Color
7724B5



Achromatopsia
4D4D4D



Achromatomaly
5C3E73

CSS Examples

Text

The CSS property to change the color of the text to Hex 7724B5 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 #7724B5 looks like.

```
.text, #text, p{  
    color:#7724B5  
}
```

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 #7724B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7724B5
}
```

Border

The CSS property to change the border of an element to Hex 7724B5 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
#7724B5 }
```

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

```
.border{ border-color:#7724B5 }
```

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

Here you see how a box with a 4 pixel #7724B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7724B5; -webkit-box-shadow:4px 4px  
4px 4px #7724B5; box-shadow:4px 4px 4px  
4px #7724B5 }
```

Background

The CSS property to change the background color of an element to Hex 7724B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7724B5 }
```

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

```
.background{ background-color:#7724B5 }
```

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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