

Converting Colors

Hex(7636B5)

Have a look what the booklet for
Hex(7636B5) contains.

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Color

Hex(7636B5)

Conversions

Conversions Part 1

Format	Color
Hex	7636B5
RGB	118, 54, 181
RGB Percent	46%, 21%, 71%
CMY	0.5373, 0.7882, 0.2902
CMYK	0.35, 0.70, 0.00, 0.29
HSL	270°, 54%, 46%
HSV	270°, 70%, 71%
XYZ	17.1309, 9.8261, 44.7098
YIQ	87.6140, -2.6230, 53.0650

Conversions

Conversions Part 2

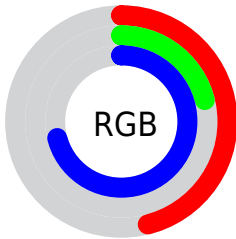
Format	Color
R _Y B	118, 54, 181
Decimal	7747253
CIE Lab	37.53, 51.71, -56.36
CIE LCh	38, 76.489, 312.533
Yxy	9.8261, 0.2390, 0.1371
Android (android.graphics.Color)	4285937333 (0xFF7636B5)
YUV	87.6140, 46.0393, 26.6485
Hunter-Lab	31.3466, 42.6935, -62.6230

Details

The Hex color **7636B5** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **75B536**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **AF6AEE**, and **3E007F** is the 20% darker color. If you saturate the color by 10%, you get **6D24B5**, and if you desaturate by 10%, it is **7F48B5**.

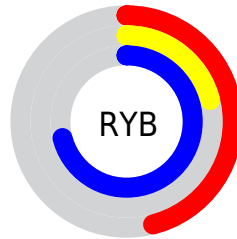
Distribution



Red (46%)

Green (21%)

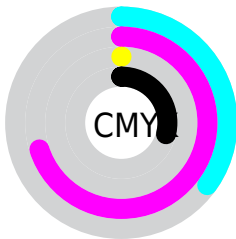
Blue (71%)



Red (46%)

Yellow (21%)

Blue (71%)

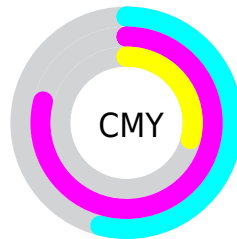


Cyan (35%)

Magenta (70%)

Yellow (0%)

Black (29%)



Cyan (54%)

Magenta (79%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7636B5 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 7636B5 by changing the saturation by 10% instead.

 7636B5

 7636B5

FFFFFF

 5A1B9A

 AF6AEE

 3E007F

 CB84FF

 1F0065

 E99FFF

 00004D

 FFBBFF

 000535

 FFD7FF

 00021E

 FFF4FF

 000001

 000000

 7636B5

 7636B5

■ 6D24B5

■ 7F48B5

■ 6412B5

■ 885AB5

■ 5B00B5

■ 916CB5

■ 9A7EB5

■ A391B5

■ ACA3B5

■ B5B5B5

■ BEC7B5

■ C7D9B5

Harmonies

Analogous

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



0059D4



7636B5



B0007F

Triad

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



7636B5



894800



007172

Complementary

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



7636B5



75B536

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.



006E30



7636B5



555E00

Square

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



7636B5



AF1A00



006900



0070AC

Rectangle

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



7636B5



BE0056



006900



00705C

Sweetspot

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



7636B5



D2B9EB



3676B5



675875



F5F5F5



757575

Same Dimension

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



7636B5



8926EB



B536B5



555059



4D0099



0D001A

Inverse Universe

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



B53675



EB2687



36B536



595055



99004C



1A000D

Previews

White Background



This preview shows how the Hex color 7636B5 looks on a white background.

Color Contrast Check

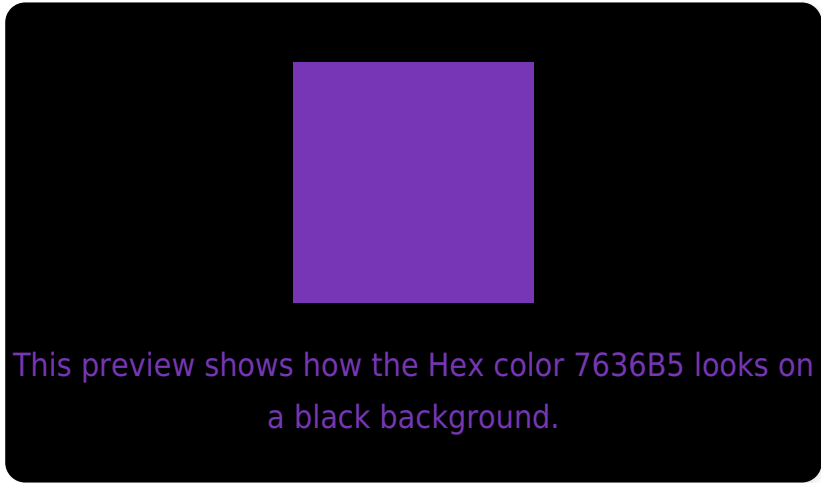
Large Text (above 18pt) WCAG AA ✓ Pass

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

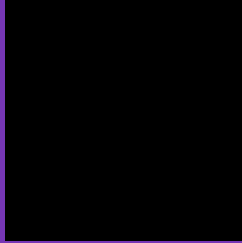
Any Text WCAG AA × Fail

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 7636B5 Background



This preview shows how black text looks on a background with the Hex color 7636B5.

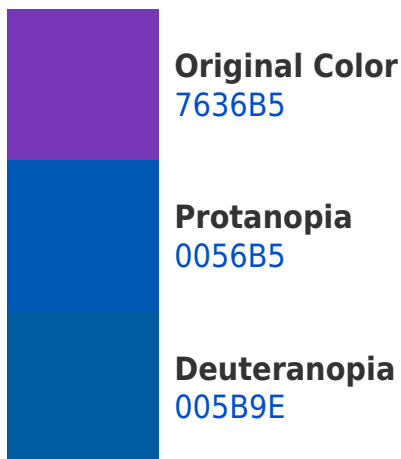


This preview shows how white text looks on a background with the Hex color 7636B5.

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](#).

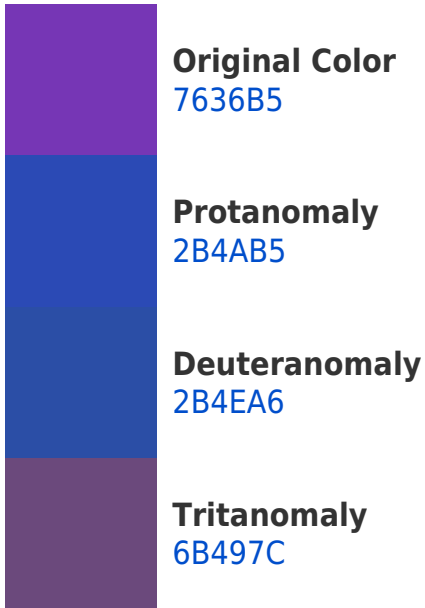
Dichromacy



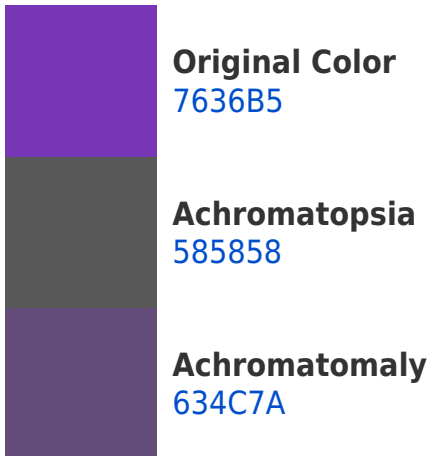


Tritanopia
64545B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7636B5 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 #7636B5 looks like.

```
.text, #text, p{  
    color:#7636B5  
}
```

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 #7636B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7636B5
}
```

Border

The CSS property to change the border of an element to Hex 7636B5 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
#7636B5 }
```

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

```
.border{ border-color:#7636B5 }
```

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

Here you see how a box with a 4 pixel #7636B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7636B5; -webkit-box-shadow:4px 4px  
4px 4px #7636B5; box-shadow:4px 4px 4px  
4px #7636B5 }
```

Background

The CSS property to change the background color of an element to Hex 7636B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7636B5 }
```

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

```
.background{ background-color:#7636B5 }
```

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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