

# Converting Colors

Hex(7566C5)

Have a look what the booklet for  
Hex(7566C5) contains.

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# Color

Hex(7566C5)

# Conversions

## Conversions Part 1

Format	Color
Hex	7566C5
RGB	117, 102, 197
RGB Percent	46%, 40%, 77%
CMY	0.5412, 0.6000, 0.2275
CMYK	0.41, 0.48, 0.00, 0.23
HSL	249°, 45%, 59%
HSV	249°, 48%, 77%
XYZ	22.1655, 17.3159, 54.9974
YIQ	117.3150, -21.5550, 32.7250

# Conversions

## Conversions Part 2

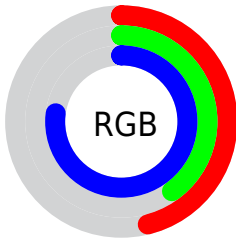
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 102, 197
Decimal	7694021
CIE <sub>Lab</sub>	48.66, 29.08, -47.80
CIE <sub>LCh</sub>	49, 55.951, 301.309
Yxy	17.3159, 0.2346, 0.1833
Android (android.graphics.Color)	4285884101 (0xFF7566C5)
YUV	117.3150, 39.2847, -0.2763
Hunter-Lab	41.6123, 22.2595, -49.2326

# Details

The Hex color **7566C5** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B6C566**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **AD99FE**, and **3E378E** is the 20% darker color. If you saturate the color by 10%, you get **6452C5**, and if you desaturate by 10%, it is **867AC5**.

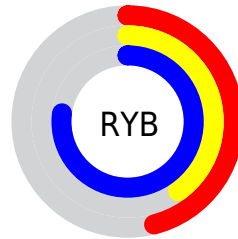
# Distribution



Red (46%)

Green (40%)

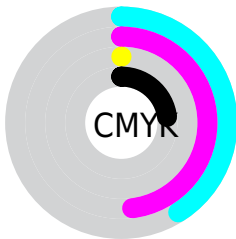
Blue (77%)



Red (46%)

Yellow (40%)

Blue (77%)

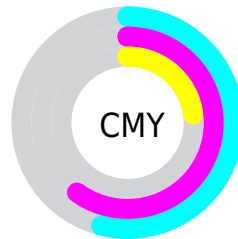


Cyan (41%)

Magenta (48%)

Yellow (0%)

Black (23%)



Cyan (54%)

Magenta (60%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7566C5 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 7566C5 by changing the saturation by 10% instead.



 7566C5

 7566C5

FFFFFF

 5A4EA9

 AD99FE

 3E378E

 C9B4FF

 202174

 E6D0FF

 000D5B

 FFECFF

 000043

 00032C

 000116

 000000

 7566C5

 7566C5

6452C5

867AC5

543FC5

968DC5

432BC5

A7A1C5

3317C5

B7B5C5

2204C5

C8C9C5

1F00C5

D9DCC5

E9F0C5

FAFFC5

FFFFC5

# Harmonies

## Analogous

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



0079D3



7566C5



AE50A2

# Triad

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



7566C5



AD601C



008974

# Complementary

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



7566C5



B6C566

# 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.



008643



7566C5



897200

# Square

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



7566C5



C44C45



597F17



0089A4

# Rectangle

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



7566C5



C14583



597F17



008964



# Sweetspot

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



7566C5



E1DBFF



66B7C5



6D6A80



000000



808080



# Same Dimension

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



7566C5



826BFF



A466C5



5B5A63



1A00A3



060024



# Inverse Universe

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



C566B6



FF6BE8



87C566



635A62



A30089

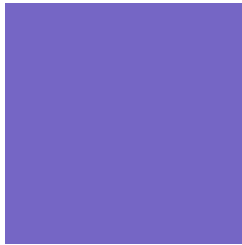


24001E



# Previews

## White Background



This preview shows how the Hex color 7566C5 looks on a white background.

## Color Contrast Check

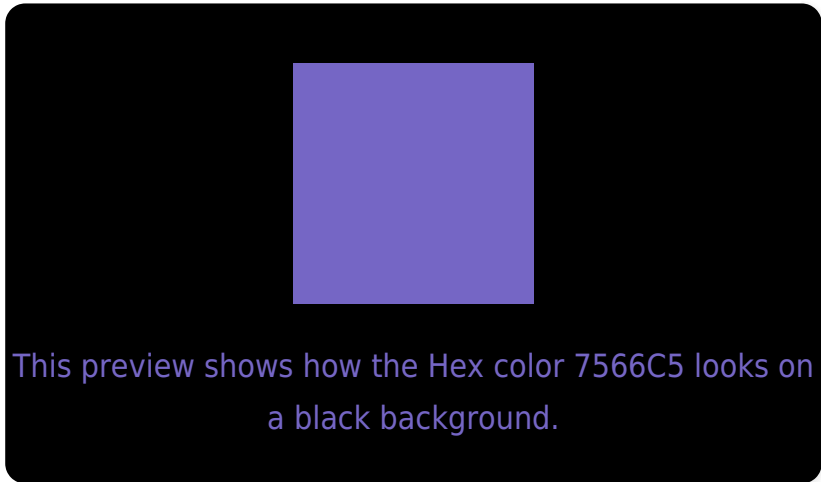
Large Text (above 18pt) WCAG AA ✓ Pass

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

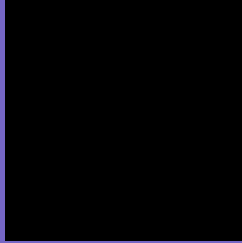
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7566C5 Background



This preview shows how black text looks on a background with the Hex color 7566C5.



This preview shows how white text looks on a background with the Hex color 7566C5.

# 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**  
647680

# Trichromacy



**Original Color**  
7566C5

**Protanomaly**  
576CCB

**Deuteranomaly**  
526FC3

**Tritanomaly**  
6A7099

# Monochromacy



**Original Color**  
7566C5

**Achromatopsia**  
757575

**Achromatomaly**  
757092

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7566C5 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 #7566C5 looks like.

```
.text, #text, p{  
    color:#7566C5  
}
```

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 #7566C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7566C5
}
```

## Border

The CSS property to change the border of an element to Hex 7566C5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

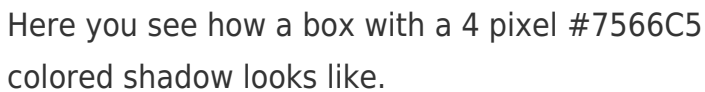
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7566C5 }
```

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

```
.border{ border-color:#7566C5 }
```

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



Here you see how a box with a 4 pixel #7566C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7566C5; -webkit-box-shadow:4px 4px  
4px 4px #7566C5; box-shadow:4px 4px 4px  
4px #7566C5 }
```

# Background

The CSS property to change the background color of an element to Hex 7566C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7566C5 }
```

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

```
.background{ background-color:#7566C5 }
```

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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