

Converting Colors

Hex(7376B1)

Have a look what the booklet for
Hex(7376B1) contains.

Hex(7376B1)	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(7376B1)

Conversions

Conversions Part 1

Format	Color
Hex	7376B1
RGB	115, 118, 177
RGB Percent	45%, 46%, 69%
CMY	0.5490, 0.5373, 0.3059
CMYK	0.35, 0.33, 0.00, 0.31
HSL	237°, 28%, 57%
HSV	237°, 35%, 69%
XYZ	21.4845, 19.7760, 44.2798
YIQ	123.8290, -20.7270, 17.7130

Conversions

Conversions Part 2

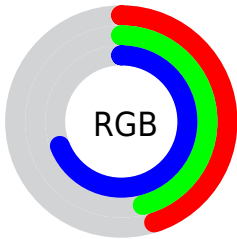
Format	Color
R_{YB}	115, 118, 177
Decimal	7567025
CIE _{Lab}	51.58, 13.27, -31.65
CIE _{LCh}	52, 34.324, 292.748
Yxy	19.7760, 0.2512, 0.2312
Android (android.graphics.Color)	4285757105 (0xFF7376B1)
YUV	123.8290, 26.2133, -7.7430
Hunter-Lab	44.4702, 8.4140, -27.9069

Details

The Hex color **7376B1** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B1AE73**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **A9AAE9**, and **40467C** is the 20% darker color. If you saturate the color by 10%, you get **6165B1**, and if you desaturate by 10%, it is **8587B1**.

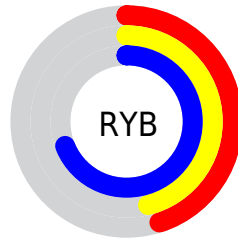
Distribution



Red (45%)

Green (46%)

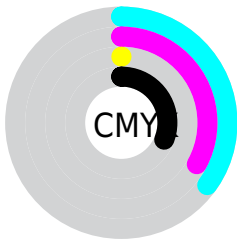
Blue (69%)



Red (45%)

Yellow (46%)

Blue (69%)

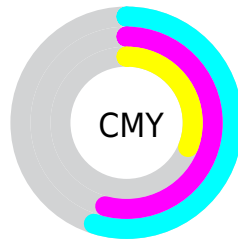


Cyan (35%)

Magenta (33%)

Yellow (0%)

Black (31%)



Cyan (55%)

Magenta (54%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7376B1 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 7376B1 by changing the saturation by 10% instead.

■ 7376B1

■ 7376B1

FFFFFF

■ 595D96

■ A9AAE9

■ 40467C

■ C5C5FF

■ 263063

■ E1E1FF

■ 081B4B

FEFEFF

■ 000034

■ 00021E

■ 000000

■ 7376B1

■ 7376B1

■ 6165B1

■ 8587B1

■ 5054B1

■ 9698B1

■ 3E43B1

■ A8A9B1

■ 2C33B1

■ BAB9B1

■ 1A22B1

■ CBCAB1

■ 0911B1

■ DDDBB1

■ 0009B1

■ EFECB1

■ FFFDB1

■ FFFFB1

Harmonies

Analogous

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



3D80B5



7376B1



996B9F

Triad

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



7376B1



A96C4D



268A73

Complementary

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



7376B1



B1AE73

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.



558756



7376B1



947740

Square

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



7376B1



B36566



778043



008A91

Rectangle

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



7376B1



A9668D



778043



388969

Sweetspot

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



7376B1



CCCDE6



73B1AE



646573



F2F2F2



737373

Same Dimension

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



7376B1



858AE6



8F73B1



505159



000799



00011A

Inverse Universe

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



B17376



E6858A



95B173



595051



990007



1A0001

Previews

White Background



This preview shows how the Hex color 7376B1 looks on a white background.

Color Contrast Check

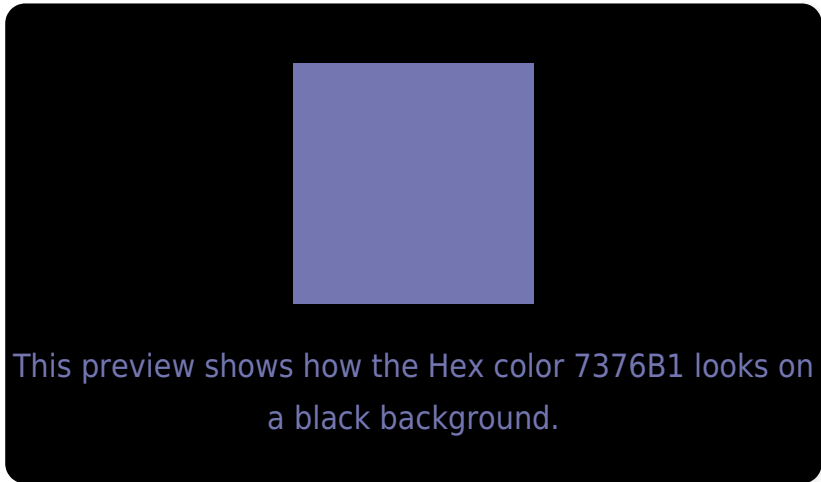
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex 7376B1 Background



This preview shows how black text looks on a background with the Hex color 7376B1.

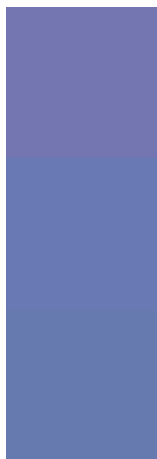


This preview shows how white text looks on a background with the Hex color 7376B1.

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



Original Color
7376B1

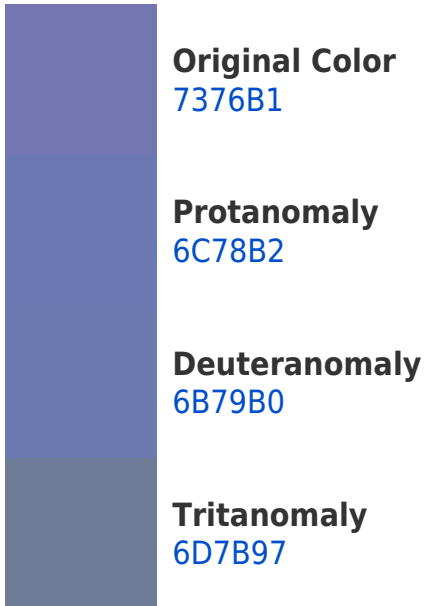
Protanopia
6879B3

Deuteranopia
667AB0

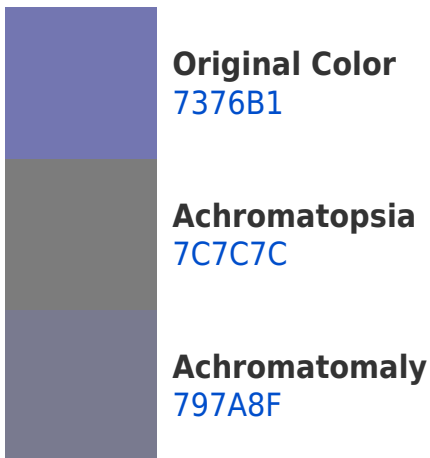


Tritanopia
6A7E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7376B1 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 #7376B1 looks like.

```
.text, #text, p{  
    color:#7376B1  
}
```

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 #7376B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7376B1
}
```

Border

The CSS property to change the border of an element to Hex 7376B1 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
#7376B1 }
```

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

```
.border{ border-color:#7376B1 }
```

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

Here you see how a box with a 4 pixel #7376B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7376B1; -webkit-box-shadow:4px 4px  
4px 4px #7376B1; box-shadow:4px 4px 4px  
4px #7376B1 }
```

Background

The CSS property to change the background color of an element to Hex 7376B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7376B1 }
```

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

```
.background{ background-color:#7376B1 }
```

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