

Converting Colors

Hex(7460B5)

Have a look what the booklet for
Hex(7460B5) contains.

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Color

Hex(7460B5)

Conversions

Conversions Part 1

Format	Color
Hex	7460B5
RGB	116, 96, 181
RGB Percent	45%, 38%, 71%
CMY	0.5451, 0.6235, 0.2902
CMYK	0.36, 0.47, 0.00, 0.29
HSL	254°, 36%, 54%
HSV	254°, 47%, 71%
XYZ	19.7258, 15.4149, 45.6518
YIQ	111.6700, -15.3650, 30.6750

Conversions

Conversions Part 2

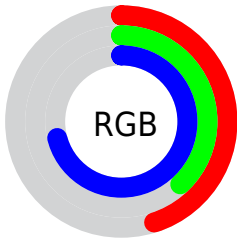
Format	Color
R_{YB}	116, 96, 181
Decimal	7626933
CIE _{Lab}	46.20, 27.94, -42.45
CIE _{LCh}	46, 50.822, 303.348
Yxy	15.4149, 0.2442, 0.1908
Android (android.graphics.Color)	4285817013 (0xFF7460B5)
YUV	111.6700, 34.1797, 3.7974
Hunter-Lab	39.2619, 20.9731, -41.4562

Details

The Hex color **7460B5** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A1B560**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **AB93ED**, and **3F3180** is the 20% darker color. If you saturate the color by 10%, you get **664EB5**, and if you desaturate by 10%, it is **8272B5**.

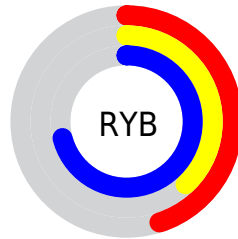
Distribution



Red (45%)

Green (38%)

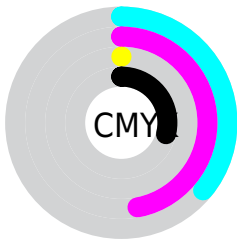
Blue (71%)



Red (45%)

Yellow (38%)

Blue (71%)

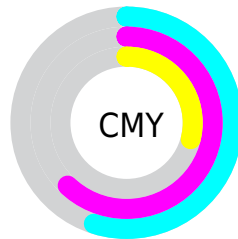


Cyan (36%)

Magenta (47%)

Yellow (0%)

Black (29%)



Cyan (55%)

Magenta (62%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7460B5 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 7460B5 by changing the saturation by 10% instead.

■ 7460B5

■ 7460B5

FFFFFF

■ 59489A

■ AB93ED

■ 3F3180

■ C7AEFF

■ 241B66

■ E4C9FF

■ 01064D

■ FFE5FF

■ 000036

■ 000220

■ 000003

■ 000000

■ 7460B5

■ 7460B5

664EB5

8272B5

583CB5

9084B5

4A2AB5

9E96B5

3D18B5

ABA8B5

2F05B5

B9BBB5

2B00B5

C7CDB5

D5DFB5

E3F1B5

F1FFB5

Harmonies

Analogous

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



0071C3



7460B5



A44D94

Triad

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



7460B5



A05D1E



008171

Complementary

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



7460B5



A1B560

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.



007F45



7460B5



7E6D08

Square

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



7460B5



B64C41



53781F



00819B

Rectangle

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



7460B5



B54579



53781F



008162

Sweetspot

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



7460B5



D1CAEB



60A1B5



666175



F5F5F5



757575

Same Dimension

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



7460B5



8667EB



9E60B5



525059



240099



06001A

Inverse Universe

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



B560A1



EB67CC



77B560



595057



990075



1A0014

Previews

White Background



This preview shows how the Hex color 7460B5 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



This preview shows how the Hex color 7460B5 looks on a 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 7460B5 Background



This preview shows how black text looks on a background with the Hex color 7460B5.

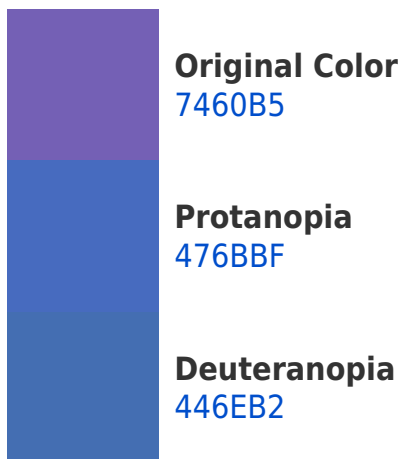


This preview shows how white text looks on a background with the Hex color 7460B5.

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
676E77

Trichromacy



Original Color
7460B5

Protanomaly
5767BB

Deuteranomaly
5569B3

Tritanomaly
6C698E

Monochromacy



Original Color
7460B5

Achromatopsia
707070

Achromatomaly
716A89

CSS Examples

Text

The CSS property to change the color of the text to Hex 7460B5 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 #7460B5 looks like.

```
.text, #text, p{  
    color:#7460B5  
}
```

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 #7460B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7460B5
}
```

Border

The CSS property to change the border of an element to Hex 7460B5 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
#7460B5 }
```

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

```
.border{ border-color:#7460B5 }
```

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

Here you see how a box with a 4 pixel #7460B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7460B5; -webkit-box-shadow:4px 4px  
4px 4px #7460B5; box-shadow:4px 4px 4px  
4px #7460B5 }
```

Background

The CSS property to change the background color of an element to Hex 7460B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7460B5 }
```

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

```
.background{ background-color:#7460B5 }
```

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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