

Converting Colors

Hex(757BA2)

Have a look what the booklet for
Hex(757BA2) contains.

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Color

Hex(757BA2)

Conversions

Conversions Part 1

Format	Color
Hex	757BA2
RGB	117, 123, 162
RGB Percent	46%, 48%, 64%
CMY	0.5412, 0.5176, 0.3647
CMYK	0.28, 0.24, 0.00, 0.36
HSL	232°, 19%, 55%
HSV	232°, 28%, 64%
XYZ	20.9407, 20.5565, 37.0465
YIQ	125.6520, -16.0950, 10.8570

Conversions

Conversions Part 2

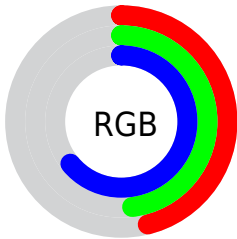
Format	Color
R_{YB}	117, 122, 162
Decimal	7699362
CIE Lab	52.46, 6.90, -21.59
CIE LCh	52, 22.663, 287.719
Yxy	20.5565, 0.2666, 0.2617
Android (android.graphics.Color)	4285889442 (0xFF757BA2)
YUV	125.6520, 17.9196, -7.5878
Hunter-Lab	45.3392, 3.0995, -16.7082

Details

The Hex color **757BA2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A29C75**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **AAAFD9**, and **434A6E** is the 20% darker color. If you saturate the color by 10%, you get **656DA2**, and if you desaturate by 10%, it is **8589A2**.

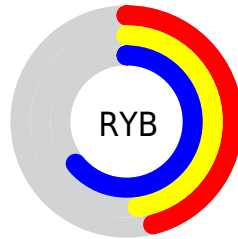
Distribution



Red (46%)

Green (48%)

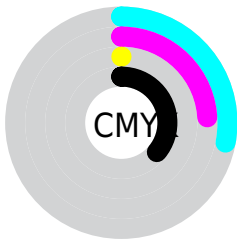
Blue (64%)



Red (46%)

Yellow (48%)

Blue (64%)

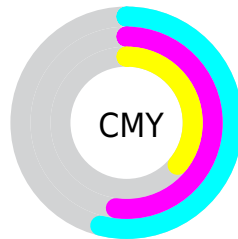


Cyan (28%)

Magenta (24%)

Yellow (0%)

Black (36%)



Cyan (54%)

Magenta (52%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 757BA2 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 757BA2 by changing the saturation by 10% instead.

■ 757BA2

■ 757BA2

FFFFFF

■ 5C6288

■ AAAFD9

■ 434A6E

■ C5CBF5

■ 2C3456

■ E2E7FF

■ 141F3E

■ 000628

■ 000113

■ 000000

■ 757BA2

■ 757BA2

■ 656DA2

■ 8589A2

■ 555FA2

■ 9597A2

■ 4451A2

■ A6A5A2

■ 3443A2

■ B6B3A2

■ 2435A2

■ C6C1A2

■ 1427A2

■ D6CFA2

■ 0419A2

■ E6DDA2

■ 0016A2

■ F7EBA2

■ FFF9A2

Harmonies

Analogous

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



5981A3



757BA2



8E7497

Triad

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



757BA2



A07361



538774

Complementary

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



757BA2



A29C75

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.



698562



757BA2



927957

Square

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



757BA2



A46F72



7F8058



438888

Rectangle

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



757BA2



9A718C



7F8058



5A876E

Sweetspot

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



757BA2



C3C5D4



75A29C



60626B



EBEBEB



6B6B6B

Same Dimension

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



757BA2



8E97D4



8575A2



494B52



001391



000212

Inverse Universe

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



A2757B



D48E97



92A275



52494B



910013



120002

Previews

White Background



This preview shows how the Hex color 757BA2 looks on a white background.

Color Contrast Check

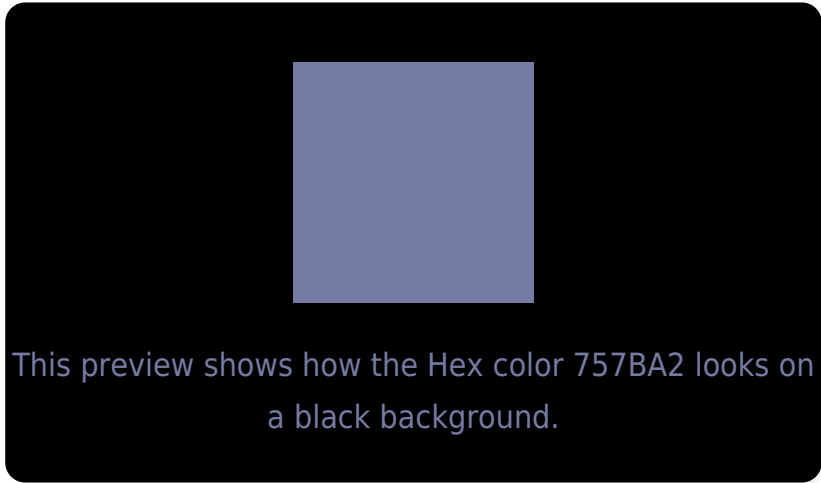
Large Text (above 18pt) WCAG AA ✓ Pass

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

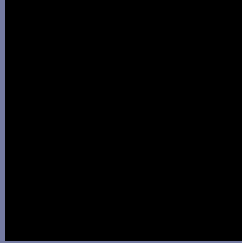
Any Text WCAG AA ✓ Pass

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 757BA2 Background



This preview shows how black text looks on a background with the Hex color 757BA2.



This preview shows how white text looks on a background with the Hex color 757BA2.

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
757BA2

Protanopia
737CA2

Deuteranopia
757BA2



Tritanopia
707F8A

Trichromacy



Original Color
757BA2

Protanomaly
747CA2

Deuteranomaly
757BA2

Tritanomaly
727E93

Monochromacy



Original Color
757BA2

Achromatopsia
7E7E7E

Achromatomaly
7B7D8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 757BA2 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 #757BA2 looks like.

```
.text, #text, p{  
    color:#757BA2  
}
```

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 #757BA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #757BA2
}
```

Border

The CSS property to change the border of an element to Hex 757BA2 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
#757BA2 }
```

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

```
.border{ border-color:#757BA2 }
```

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

Here you see how a box with a 4 pixel #757BA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #757BA2; -webkit-box-shadow:4px 4px  
4px 4px #757BA2; box-shadow:4px 4px 4px  
4px #757BA2 }
```

Background

The CSS property to change the background color of an element to Hex 757BA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#757BA2 }
```

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

```
.background{ background-color:#757BA2 }
```

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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