

Converting Colors

Hex(7455A2)

Have a look what the booklet for
Hex(7455A2) contains.

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Color

Hex(7455A2)

Conversions

Conversions Part 1

Format	Color
Hex	7455A2
RGB	116, 85, 162
RGB Percent	45%, 33%, 64%
CMY	0.5451, 0.6667, 0.3647
CMYK	0.28, 0.48, 0.00, 0.36
HSL	264°, 31%, 48%
HSV	264°, 48%, 64%
XYZ	16.9725, 12.8186, 35.7621
YIQ	103.0470, -6.2410, 30.5190

Conversions

Conversions Part 2

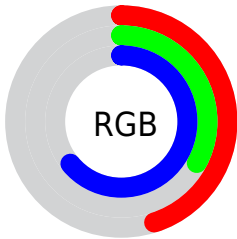
Format	Color
R_{YB}	116, 85, 162
Decimal	7624098
CIE _{Lab}	42.49, 29.45, -37.15
CIE _{LCh}	42, 47.409, 308.411
Yxy	12.8186, 0.2589, 0.1955
Android (android.graphics.Color)	4285814178 (0xFF7455A2)
YUV	103.0470, 29.0638, 11.3598
Hunter-Lab	35.8031, 21.9628, -34.1599

Details

The Hex color **7455A2** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **83A255**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **AA87D9**, and **41276E** is the 20% darker color. If you saturate the color by 10%, you get **6A45A2**, and if you desaturate by 10%, it is **7E65A2**.

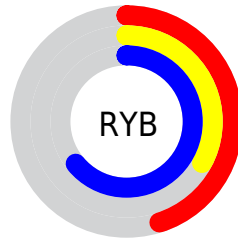
Distribution



Red (45%)

Green (33%)

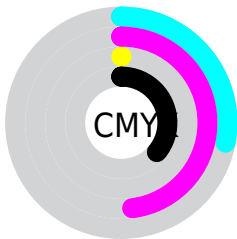
Blue (64%)



Red (45%)

Yellow (33%)

Blue (64%)

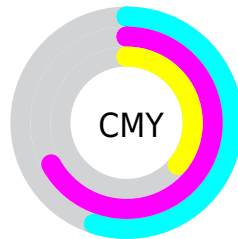


Cyan (28%)

Magenta (48%)

Yellow (0%)

Black (36%)



Cyan (55%)

Magenta (67%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7455A2 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 7455A2 by changing the saturation by 10% instead.

7455A2

7455A2

FFFFFF

5A3D87

AA87D9

41276E

C6A2F6

271155

E2BDFF

11003D

FFD9FF

000327

FFF6FF

000110

000000

7455A2

7455A2

6A45A2

7E65A2

6135A2

8775A2

5724A2

9186A2

4D14A2

9B96A2

4404A2

A4A6A2

4100A2

AEB6A2

B8C6A2

C1D7A2

CBE7A2

Harmonies

Analogous

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



1D65B2



7455A2



9C4482

Triad

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



7455A2



8F5817



00776F

Complementary

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



7455A2



83A255

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.



007546



7455A2



6E6609

Square

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



7455A2



A54836



447022



007694

Rectangle

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



7455A2



A83E68



447022



007661

Sweetspot

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



7455A2



C2B6D4



5583A2



60596B



EBEBEB



6B6B6B

Same Dimension

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



7455A2



8C5BD4



9A55A2



4D4952



3B0091



070012

Inverse Universe

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



A25583



D45BA3



5DA255



52494E



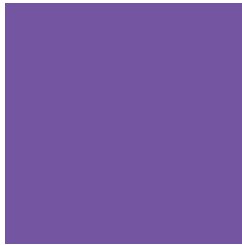
910057



12000B

Previews

White Background



This preview shows how the Hex color 7455A2 looks on a white background.

Color Contrast Check

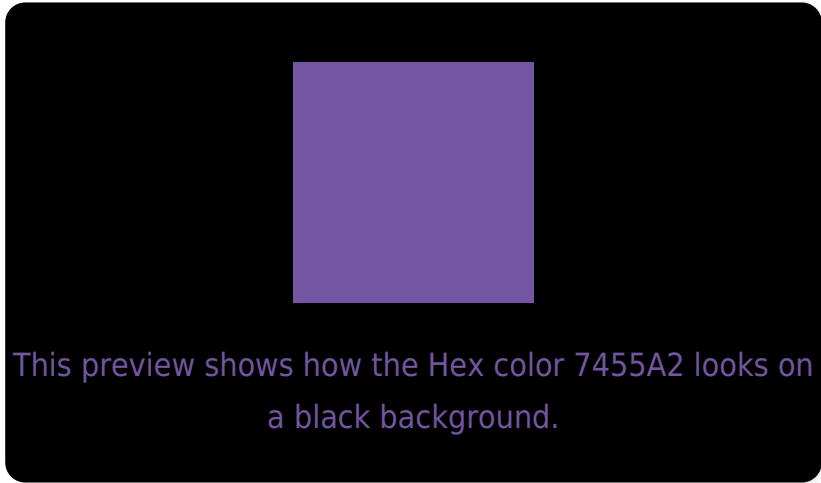
Large Text (above 18pt) WCAG AA ✓ Pass

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

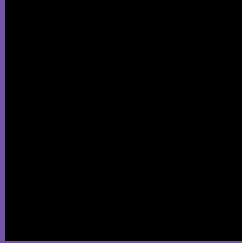
Any Text WCAG AA × Fail

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 7455A2 Background



This preview shows how black text looks on a background with the Hex color 7455A2.



This preview shows how white text looks on a background with the Hex color 7455A2.

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
7455A2

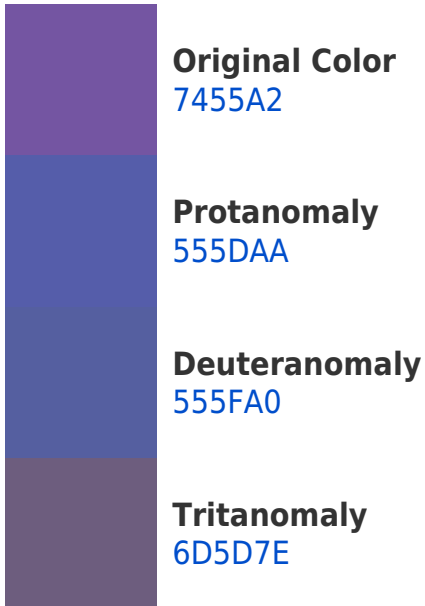
Protanopia
4362AE

Deuteranopia
44659F

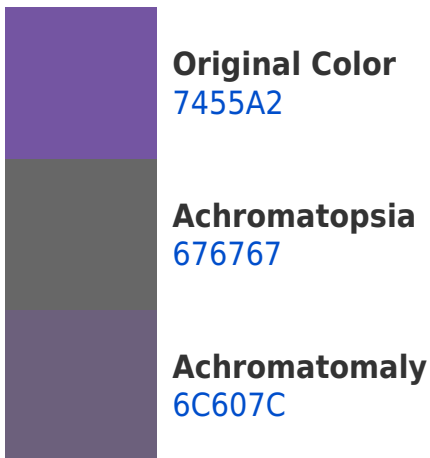


Tritanopia
69626A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7455A2 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 #7455A2 looks like.

```
.text, #text, p{  
    color:#7455A2  
}
```

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 #7455A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7455A2
}
```

Border

The CSS property to change the border of an element to Hex 7455A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

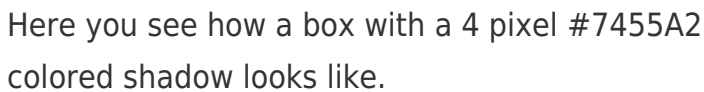
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7455A2 }
```

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

```
.border{ border-color:#7455A2 }
```

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



Here you see how a box with a 4 pixel #7455A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7455A2; -webkit-box-shadow:4px 4px  
4px 4px #7455A2; box-shadow:4px 4px 4px  
4px #7455A2 }
```

Background

The CSS property to change the background color of an element to Hex 7455A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7455A2 }
```

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

```
.background{ background-color:#7455A2 }
```

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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