

Converting Colors

Hex(7462AA)

Have a look what the booklet for
Hex(7462AA) contains.

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Color

Hex(7462AA)

Conversions

Conversions Part 1

Format	Color
Hex	7462AA
RGB	116, 98, 170
RGB Percent	45%, 38%, 67%
CMY	0.5451, 0.6157, 0.3333
CMYK	0.32, 0.42, 0.00, 0.33
HSL	255°, 30%, 53%
HSV	255°, 42%, 67%
XYZ	18.8258, 15.3506, 40.0010
YIQ	111.5900, -12.3840, 26.2080

Conversions

Conversions Part 2

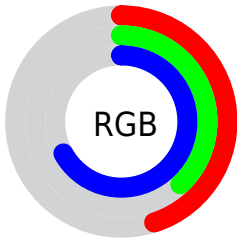
Format	Color
R_{YB}	116, 98, 170
Decimal	7627434
CIE _{Lab}	46.11, 23.74, -36.15
CIE _{LCh}	46, 43.250, 303.289
Yxy	15.3506, 0.2538, 0.2069
Android (android.graphics.Color)	4285817514 (0xFF7462AA)
YUV	111.5900, 28.7961, 3.8676
Hunter-Lab	39.1799, 17.2039, -33.1065

Details

The Hex color **7462AA** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **98AA62**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **AA95E2**, and **413375** is the 20% darker color. If you saturate the color by 10%, you get **6751AA**, and if you desaturate by 10%, it is **8173AA**.

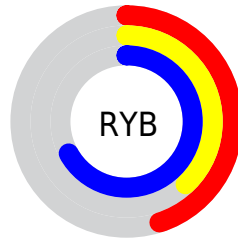
Distribution



Red (45%)

Green (38%)

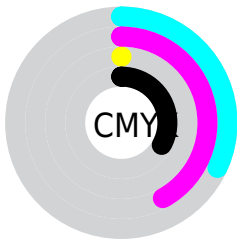
Blue (67%)



Red (45%)

Yellow (38%)

Blue (67%)

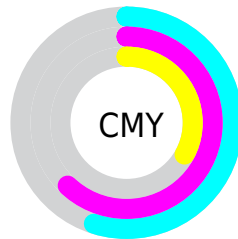


Cyan (32%)

Magenta (42%)

Yellow (0%)

Black (33%)



Cyan (55%)

Magenta (62%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7462AA 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 7462AA by changing the saturation by 10% instead.

■ 7462AA

■ 7462AA

FFFFFF

■ 5A4A8F

■ AA95E2

■ 413375

■ C6B0FF

■ 271E5C

■ E2CBFF

■ 0B0844

■ FFE7FF

■ 00002E

■ 000118

■ 000000

■ 7462AA

■ 7462AA

■ 6751AA

■ 8173AA

5B40AA

8D84AA

4E2FAA

9A95AA

411EAA

A7A6AA

340DAA

B4B7AA

2A00AA

C0C8AA

CDD9AA

DAEAAA

E7FBAA

Harmonies

Analogous

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



2770B6



7462AA



9D538E

Triad

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



7462AA



9B5F2C



007F70

Complementary

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



7462AA



98AA62

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.



207C4B



7462AA



7D6D20

Square

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



7462AA



AD5247



58772D



007E94

Rectangle

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



7462AA



AB4D77



58772D



007E64

Sweetspot

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



7462AA



C8C1DE



6298AA



635E70



F0F0F0



707070

Same Dimension

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



7462AA



896DDE



9862AA



4E4C54



250094



050014

Inverse Universe

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



AA6298



DE6DC2



74AA62



544C52



94006F



14000F

Previews

White Background



This preview shows how the Hex color 7462AA looks on a white background.

Color Contrast Check

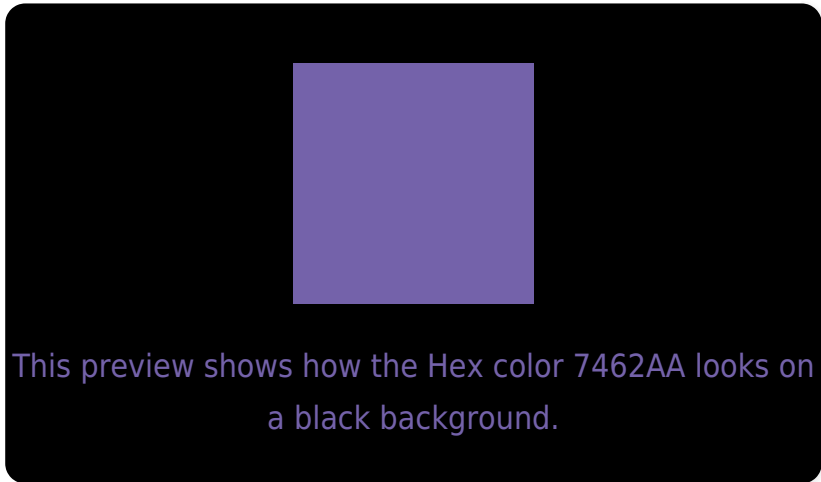
Large Text (above 18pt) WCAG AA ✓ Pass

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

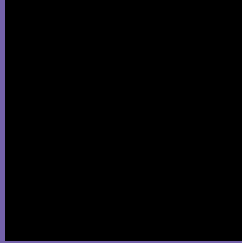
Any Text WCAG AA × Fail

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 7462AA Background



This preview shows how black text looks on a background with the Hex color 7462AA.

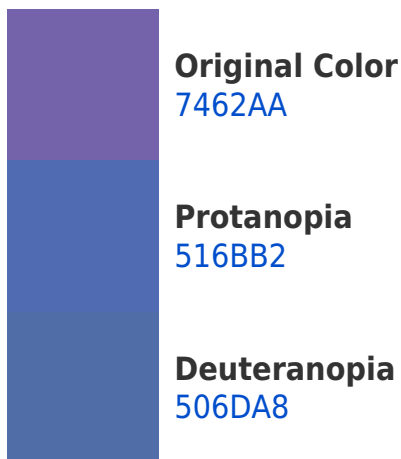



This preview shows how white text looks on a background with the Hex color 7462AA.

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](#).

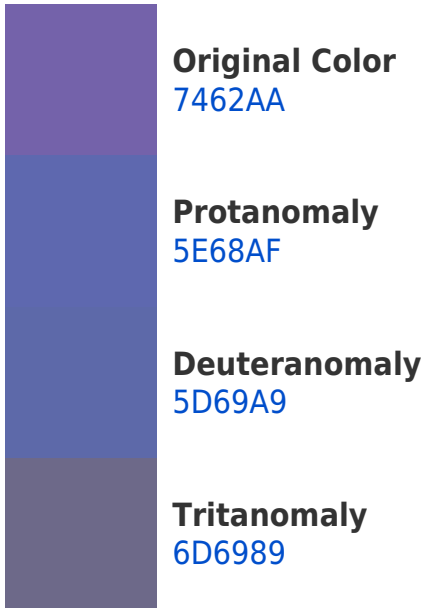
Dichromacy



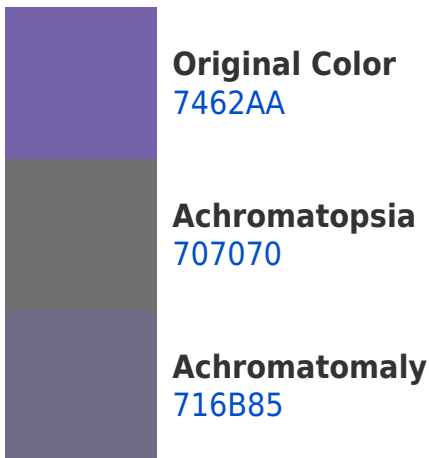


Tritanopia
696D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7462AA 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 #7462AA looks like.

```
.text, #text, p{  
    color:#7462AA  
}
```

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 #7462AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7462AA
}
```

Border

The CSS property to change the border of an element to Hex 7462AA 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
#7462AA }
```

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

```
.border{ border-color:#7462AA }
```

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

Here you see how a box with a 4 pixel #7462AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7462AA; -webkit-box-shadow:4px 4px  
4px 4px #7462AA; box-shadow:4px 4px 4px  
4px #7462AA }
```

Background

The CSS property to change the background color of an element to Hex 7462AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7462AA }
```

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

```
.background{ background-color:#7462AA }
```

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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