

Converting Colors

Hex(7646AA)

Have a look what the booklet for
Hex(7646AA) contains.

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Color

Hex(7646AA)

Conversions

Conversions Part 1

Format	Color
Hex	7646AA
RGB	118, 70, 170
RGB Percent	46%, 27%, 67%
CMY	0.5373, 0.7255, 0.3333
CMYK	0.31, 0.59, 0.00, 0.33
HSL	269°, 42%, 47%
HSV	269°, 59%, 67%
XYZ	16.9171, 11.1341, 39.2877
YIQ	95.7520, -3.4920, 41.2760

Conversions

Conversions Part 2

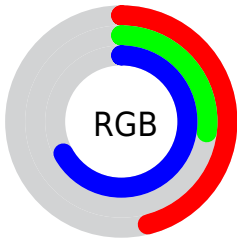
Format	Color
R_{YB}	118, 70, 170
Decimal	7751338
CIE _{Lab}	39.81, 40.71, -46.17
CIE _{LCh}	40, 61.555, 311.407
Yxy	11.1341, 0.2512, 0.1653
Android (android.graphics.Color)	4285941418 (0xFF7646AA)
YUV	95.7520, 36.6043, 19.5115
Hunter-Lab	33.3679, 32.1034, -46.4512

Details

The Hex color **7646AA** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7AAA46**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **AD78E2**, and **411575** is the 20% darker color. If you saturate the color by 10%, you get **6D35AA**, and if you desaturate by 10%, it is **7F57AA**.

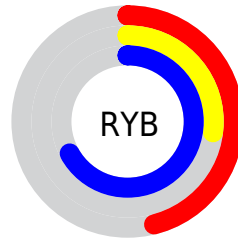
Distribution



Red (46%)

Green (27%)

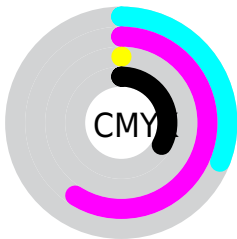
Blue (67%)



Red (46%)

Yellow (27%)

Blue (67%)

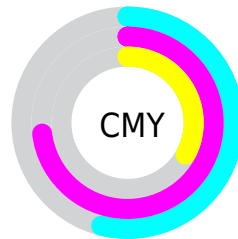


Cyan (31%)

Magenta (59%)

Yellow (0%)

Black (33%)



Cyan (54%)

Magenta (73%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7646AA 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 7646AA by changing the saturation by 10% instead.

7646AA

7646AA

FFFFFF

5B2E8F

AD78E2

411575

C993FF

26005C

E6AEFF

0F0044

FFCAFF

00032C

FFE6FF

000117

000000

7646AA

7646AA

6D35AA

7F57AA

6424AA

8868AA

5B13AA

9179AA

5302AA

998AAA

5200AA

A29BAA

ABACAA

B4BDAA

BDCEAA

C6DFAA

Harmonies

Analogous

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



005EC1



7646AA



A6287F

Triad

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



7646AA



8B5000



007370

Complementary

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



7646AA



7AAA46

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.



00723C



7646AA



616200

Square

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



7646AA



A9351C



236C00



0072A0

Rectangle

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



7646AA



B31A5E



236C00



00735F

Sweetspot

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



7646AA



C9B6DE



467BAA



635870



F0F0F0



707070

Same Dimension

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



7646AA



8C40DE



A746AA



504C54



470094



0A0014

Inverse Universe

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



AA467A



DE4092



49AA46



544C50



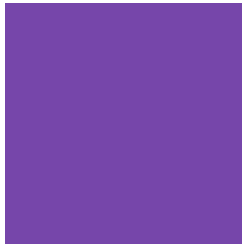
94004D



14000B

Previews

White Background



This preview shows how the Hex color 7646AA looks on a white background.

Color Contrast Check

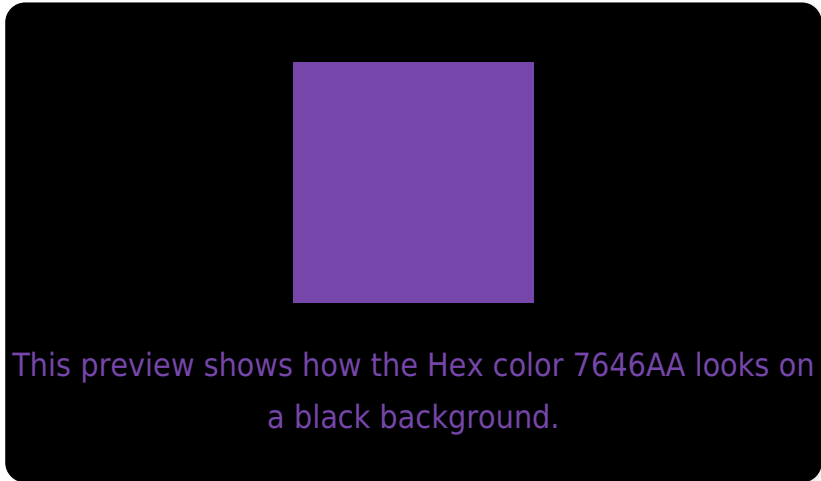
Large Text (above 18pt) WCAG AA ✓ Pass

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

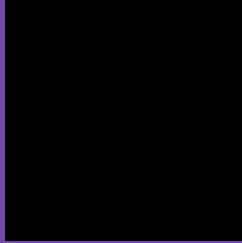
Any Text WCAG AA × Fail

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 7646AA Background



This preview shows how black text looks on a background with the Hex color 7646AA.

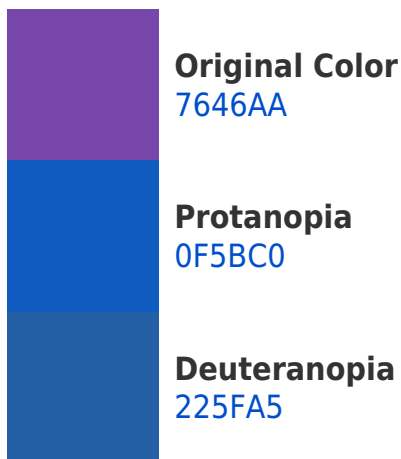



This preview shows how white text looks on a background with the Hex color 7646AA.

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](#).

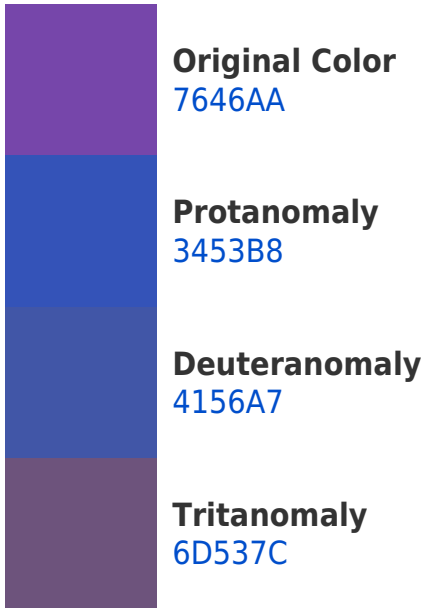
Dichromacy



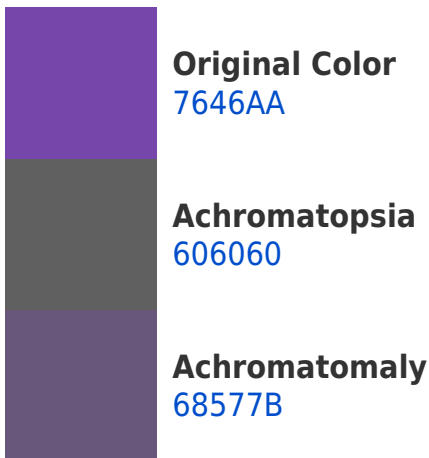


Tritanopia
685A61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7646AA 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 #7646AA looks like.

```
.text, #text, p{  
    color:#7646AA  
}
```

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 #7646AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7646AA
}
```

Border

The CSS property to change the border of an element to Hex 7646AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

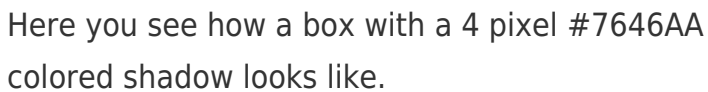
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7646AA }
```

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

```
.border{ border-color:#7646AA }
```

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



Here you see how a box with a 4 pixel #7646AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7646AA; -webkit-box-shadow:4px 4px  
4px 4px #7646AA; box-shadow:4px 4px 4px  
4px #7646AA }
```

Background

The CSS property to change the background color of an element to Hex 7646AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7646AA }
```

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

```
.background{ background-color:#7646AA }
```

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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