

Converting Colors

Hex(7641AA)

Have a look what the booklet for
Hex(7641AA) contains.

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Color

Hex(7641AA)

Conversions

Conversions Part 1

Format	Color
Hex	7641AA
RGB	118, 65, 170
RGB Percent	46%, 25%, 67%
CMY	0.5373, 0.7451, 0.3333
CMYK	0.31, 0.62, 0.00, 0.33
HSL	270°, 45%, 46%
HSV	270°, 62%, 67%
XYZ	16.6172, 10.5344, 39.1877
YIQ	92.8170, -2.1170, 43.8910

Conversions

Conversions Part 2

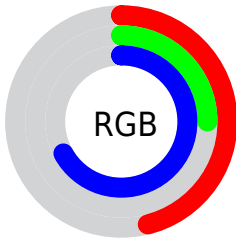
Format	Color
R_{YB}	118, 65, 170
Decimal	7750058
CIE _{Lab}	38.78, 43.44, -47.81
CIE _{LCh}	39, 64.595, 312.260
Yxy	10.5344, 0.2505, 0.1588
Android (android.graphics.Color)	4285940138 (0xFF7641AA)
YUV	92.8170, 38.0512, 22.0855
Hunter-Lab	32.4568, 34.5890, -48.8659

Details

The Hex color **7641AA** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **75AA41**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **AD74E2**, and **400E75** is the 20% darker color. If you saturate the color by 10%, you get **6E30AA**, and if you desaturate by 10%, it is **7E52AA**.

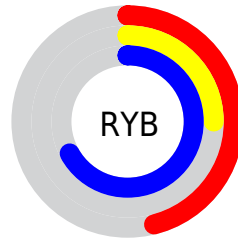
Distribution



Red (46%)

Green (25%)

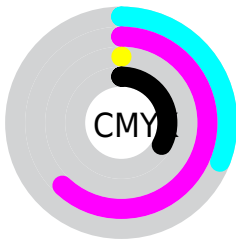
Blue (67%)



Red (46%)

Yellow (25%)

Blue (67%)

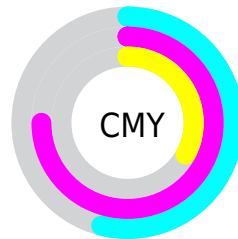


Cyan (31%)

Magenta (62%)

Yellow (0%)

Black (33%)



Cyan (54%)

Magenta (75%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7641AA 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 7641AA by changing the saturation by 10% instead.

7641AA

7641AA

FFFFFF

5B288F

AD74E2

400E75

CA8EFF

25005C

E7A9FF

0C0044

FFC5FF

00032C

FFE1FF

000117

FFFEFF

000000

7641AA

7641AA

6E30AA

7E52AA

651FAA

8763AA

5D0EAA

8F74AA

5600AA

9885AA

A096AA

A9A7AA

B1B8AA

B9C9AA

C2DAAA

Harmonies

Analogous

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



005BC3



7641AA



A71C7D

Triad

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



7641AA



894D00



007170

Complementary

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



7641AA



75AA41

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.



007039



7641AA



5C6000

Square

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



7641AA



A83015



156A00



0070A1

Rectangle

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



7641AA



B4065A



156A00



00715E

Sweetspot

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



7641AA



C9B4DE



4175AA



635670



F0F0F0



707070

Same Dimension

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



7641AA



8D3ADE



AA41AA



504C54



4B0094



0A0014

Inverse Universe

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



AA4175



DE3A8B



41AA41



544C50



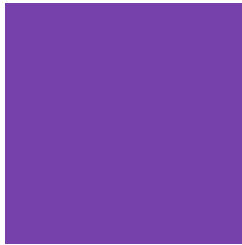
940049



14000A

Previews

White Background



This preview shows how the Hex color 7641AA looks on a white background.

Color Contrast Check

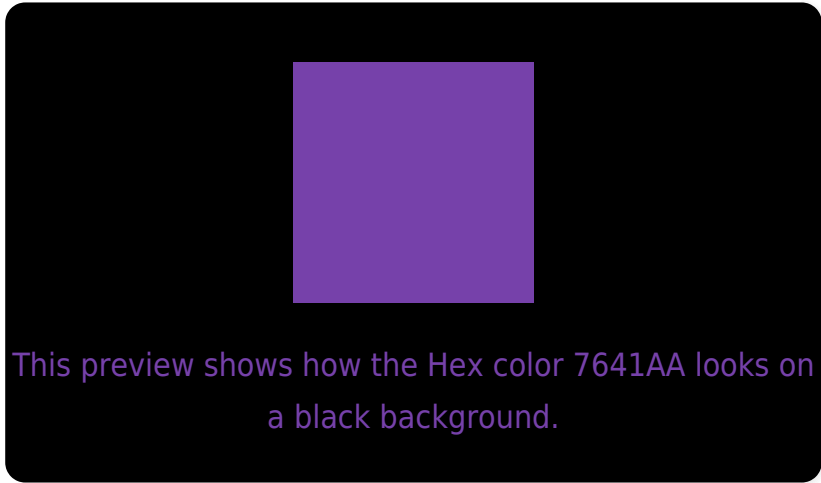
Large Text (above 18pt) WCAG AA ✓ Pass

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

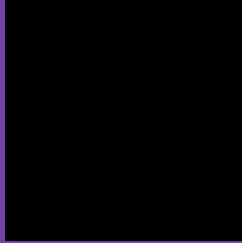
Any Text WCAG AA × Fail

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 7641AA Background



This preview shows how black text looks on a background with the Hex color 7641AA.

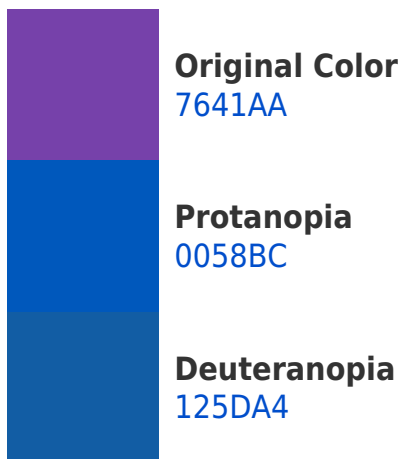


This preview shows how white text looks on a background with the Hex color 7641AA.

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
68575E

Trichromacy



Original Color
7641AA



Protanomaly
2B50B5



Deuteranomaly
3653A6



Tritanomaly
6D4F7A

Monochromacy



Original Color
7641AA



Achromatopsia
5D5D5D



Achromatomaly
665379

CSS Examples

Text

The CSS property to change the color of the text to Hex 7641AA 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 #7641AA looks like.

```
.text, #text, p{  
    color:#7641AA  
}
```

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 #7641AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7641AA  
}
```

Border

The CSS property to change the border of an element to Hex 7641AA 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  
#7641AA }
```

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

```
.border{ border-color:#7641AA }
```

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

Here you see how a box with a 4 pixel #7641AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7641AA; -webkit-box-shadow:4px 4px  
4px 4px #7641AA; box-shadow:4px 4px 4px  
4px #7641AA }
```

Background

The CSS property to change the background color of an element to Hex 7641AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7641AA }
```

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

```
.background{ background-color:#7641AA }
```

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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