

Converting Colors

Hex(7631A1)

Have a look what the booklet for
Hex(7631A1) contains.

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Color

Hex(7631A1)

Conversions

Conversions Part 1

Format	Color
Hex	7631A1
RGB	118, 49, 161
RGB Percent	46%, 19%, 63%
CMY	0.5373, 0.8078, 0.3686
CMYK	0.27, 0.70, 0.00, 0.37
HSL	277°, 53%, 41%
HSV	277°, 70%, 63%
XYZ	15.0025, 8.6214, 34.5916
YIQ	82.3990, 5.1720, 49.4600

Conversions

Conversions Part 2

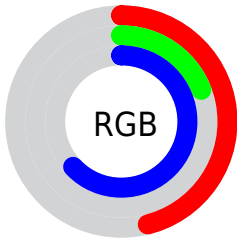
Format	Color
R_{YB}	118, 49, 161
Decimal	7745953
CIE _{Lab}	35.24, 49.33, -48.12
CIE _{LCh}	35, 68.912, 315.716
Y _{xy}	8.6214, 0.2577, 0.1481
Android (android.graphics.Color)	4285936033 (0xFF7631A1)
YUV	82.3990, 38.7503, 31.2221
Hunter-Lab	29.3622, 39.8203, -49.2960

Details

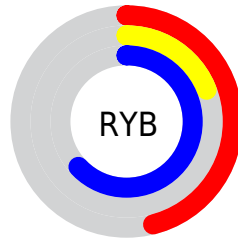
The Hex color **7631A1** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5CA131**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **AD65D9**, and **40006C** is the 20% darker color. If you saturate the color by 10%, you get **7021A1**, and if you desaturate by 10%, it is **7C41A1**.

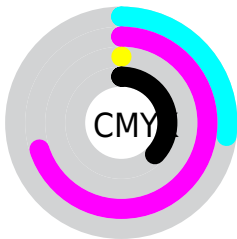
Distribution



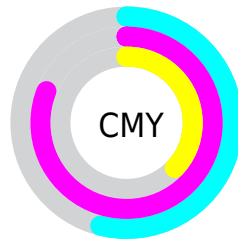
- Red (46%)
- Green (19%)
- Blue (63%)



- Red (46%)
- Yellow (19%)
- Blue (63%)



- Cyan (27%)
- Magenta (70%)
- Yellow (0%)
- Black (37%)



- Cyan (54%)
- Magenta (81%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7631A1 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 7631A1 by changing the saturation by 10% instead.

 7631A1

 7631A1

FFFFFF

 5B1586

 AD65D9

 40006C

 CA7FF5

 250053

 E79AFF

 06003C

 FFB6FF

 000225

 FFD2FF

 00010D

 FFEFFF

 000000

 7631A1

 7631A1

 7021A1

 7C41A1

■ 6A11A1

■ 8251A1

■ 6301A1

■ 8961A1

■ 6300A1

■ 8F71A1

■ 9582A1

■ 9B92A1

■ A1A2A1

■ A7B2A1

■ AEC2A1

Harmonies

Analogous

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



0051BF



7631A1



A50070

Triad

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



7631A1



7B4700



00696F

Complementary

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



7631A1



5CA131

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.



006735



7631A1



4B5900

Square

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



7631A1



9E2500



006300



0068A2

Rectangle

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



7631A1



AF004B



006300



00695C

Sweetspot

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



7631A1



C0A5D1



315EA1



5F4E69



E8E8E8



696969

Same Dimension

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



7631A1



8E24D1



A13196



4E4952



5A0091



0B0012

Inverse Universe

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



A1315C



D12466



31A13C



52494D



910038



120007

Previews

White Background



This preview shows how the Hex color 7631A1 looks on a white background.

Color Contrast Check

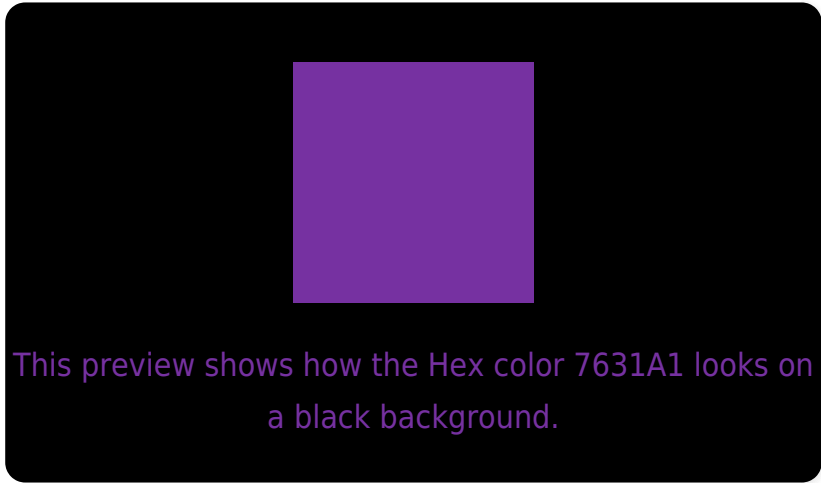
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

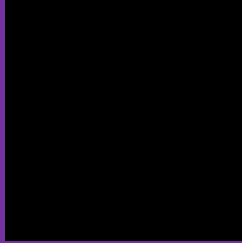
Any Text WCAG AA × Fail

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 7631A1 Background



This preview shows how black text looks on a background with the Hex color 7631A1.

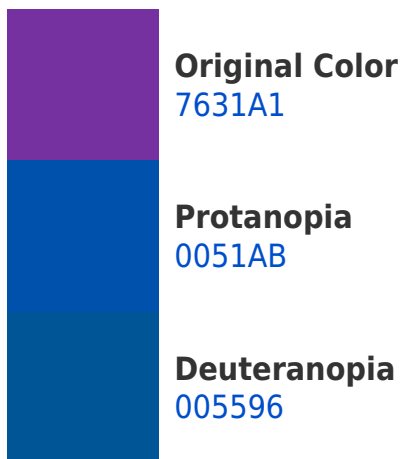


This preview shows how white text looks on a background with the Hex color 7631A1.

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](#).

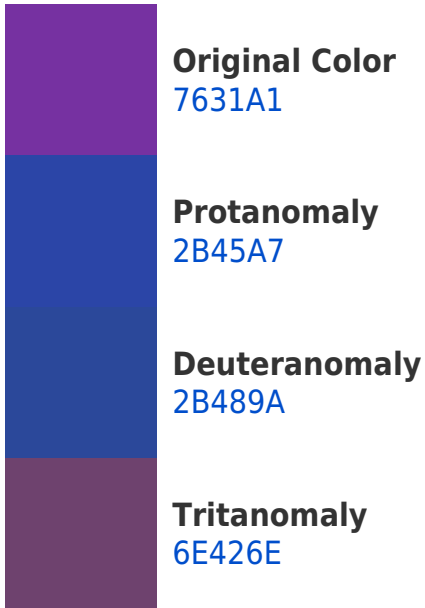
Dichromacy



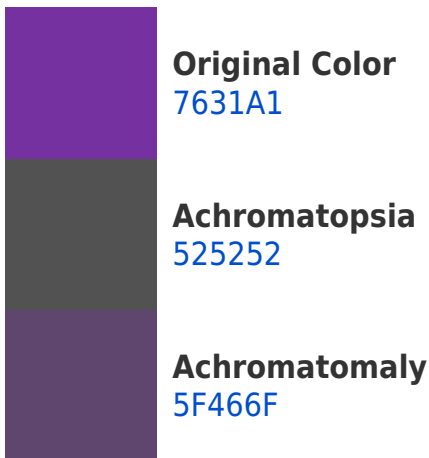


Tritanopia
694B51

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7631A1 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 #7631A1 looks like.

```
.text, #text, p{  
    color:#7631A1  
}
```

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 #7631A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7631A1
}
```

Border

The CSS property to change the border of an element to Hex 7631A1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

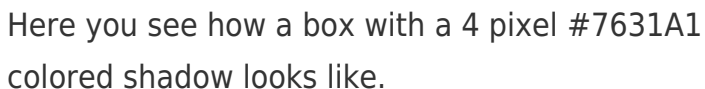
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7631A1 }
```

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

```
.border{ border-color:#7631A1 }
```

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



Here you see how a box with a 4 pixel #7631A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7631A1; -webkit-box-shadow:4px 4px  
4px 4px #7631A1; box-shadow:4px 4px 4px  
4px #7631A1 }
```

Background

The CSS property to change the background color of an element to Hex 7631A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7631A1 }
```

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

```
.background{ background-color:#7631A1 }
```

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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