

Converting Colors

Hex(7557A1)

Have a look what the booklet for
Hex(7557A1) contains.

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Color

Hex(7557A1)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 7557A1 |
| RGB | 117, 87, 161 |
| RGB Percent | 46%, 34%, 63% |
| CMY | 0.5412, 0.6588, 0.3686 |
| CMYK | 0.27, 0.46, 0.00, 0.37 |
| HSL | 264°, 30%, 49% |
| HSV | 264°, 46%, 63% |
| XYZ | 17.1773, 13.1715, 35.3552 |
| YIQ | 104.4060, -5.8740, 29.3740 |

Conversions

Conversions Part 2

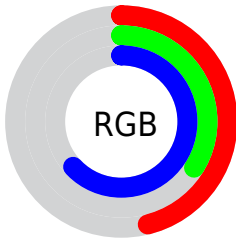
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 117, 87, 161 |
| Decimal | 7690145 |
| CIE _{Lab} | 43.02, 28.29, -35.71 |
| CIE _{LCh} | 43, 45.555, 308.390 |
| Yxy | 13.1715, 0.2614, 0.2005 |
| Android (android.graphics.Color) | 4285880225 (0xFF7557A1) |
| YUV | 104.4060, 27.9008, 11.0449 |
| Hunter-Lab | 36.2926, 20.9724, -32.3539 |

Details

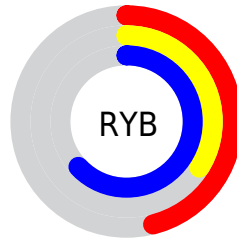
The Hex color **7557A1** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **83A157**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **AB89D8**, and **42286D** is the 20% darker color. If you saturate the color by 10%, you get **6B47A1**, and if you desaturate by 10%, it is **7F67A1**.

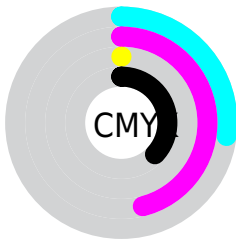
Distribution



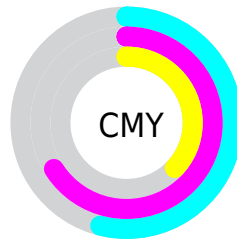
- Red (46%)
- Green (34%)
- Blue (63%)



- Red (46%)
- Yellow (34%)
- Blue (63%)



- Cyan (27%)
- Magenta (46%)
- Yellow (0%)
- Black (37%)



- Cyan (54%)
- Magenta (66%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7557A1 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 7557A1 by changing the saturation by 10% instead.

7557A1

7557A1

FFFFFF

5B3F87

AB89D8

42286D

C7A4F5

291354

E3BFFF

12003D

FFDBFF

000326

FFF8FF

00010F

000000

7557A1

7557A1

6B47A1

7F67A1

6237A1

8877A1

5827A1

9287A1

4F17A1

9B97A1

4507A1

A5A8A1

4100A1

AEB8A1

B8C8A1

C2D8A1

CBE8A1

Harmonies

Analogous

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



2866B0



7557A1



9B4882

Triad

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



7557A1



8F5A1C



00786F

Complementary

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



7557A1



83A157

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.



007648



7557A1



6F6711

Square

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



7557A1



A44B39



477026



007694

Rectangle

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



7557A1



A74269



477026



007762

Sweetspot

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



7557A1



C0B4D1



5783A1



5E5769



E8E8E8



696969

Same Dimension

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



7557A1



8D5ED1



9A57A1



4D4952



3B0091



070012

Inverse Universe

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



A15783



D15EA2



5EA157



52494E



910056



12000B

Previews

White Background



This preview shows how the Hex color 7557A1 looks on a white background.

Color Contrast Check

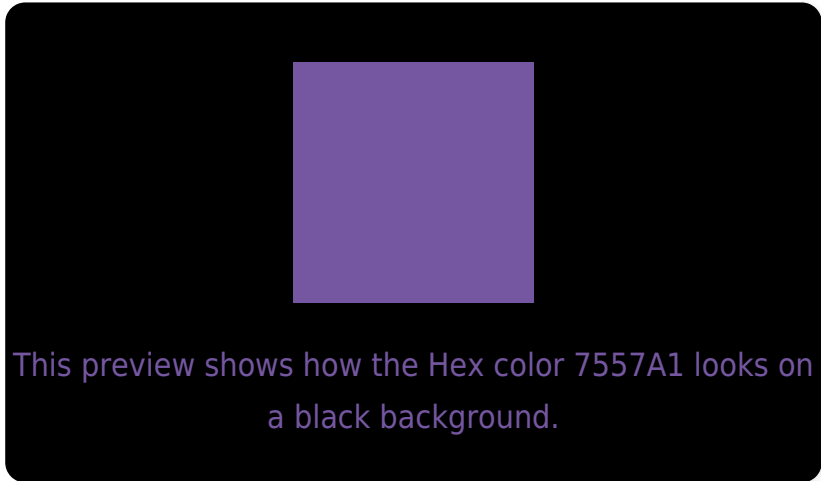
Large Text (above 18pt) WCAG AA ✓ Pass

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

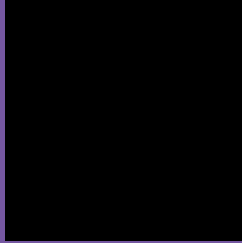
Any Text WCAG AA × Fail

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 7557A1 Background



This preview shows how black text looks on a background with the Hex color 7557A1.

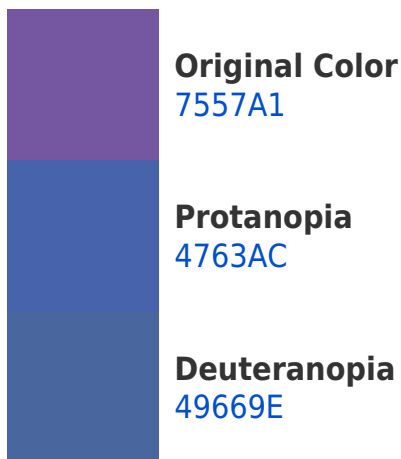


This preview shows how white text looks on a background with the Hex color 7557A1.

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
6B636B

Trichromacy



Original Color
7557A1

Protanomaly
585FA8

Deuteranomaly
59619F

Tritanomaly
6F5F7F

Monochromacy



Original Color
7557A1

Achromatopsia
686868

Achromatomaly
6D627D

CSS Examples

Text

The CSS property to change the color of the text to Hex 7557A1 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 #7557A1 looks like.

```
.text, #text, p{  
    color:#7557A1  
}
```

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 #7557A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7557A1
}
```

Border

The CSS property to change the border of an element to Hex 7557A1 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
#7557A1 }
```

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

```
.border{ border-color:#7557A1 }
```

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

Here you see how a box with a 4 pixel #7557A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7557A1; -webkit-box-shadow:4px 4px  
4px 4px #7557A1; box-shadow:4px 4px 4px  
4px #7557A1 }
```

Background

The CSS property to change the background color of an element to Hex 7557A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7557A1 }
```

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

```
.background{ background-color:#7557A1 }
```

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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