

Converting Colors

Hex(8175A7)

Have a look what the booklet for
Hex(8175A7) contains.

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Color

Hex(8175A7)

Conversions

Conversions Part 1

Format	Color
Hex	8175A7
RGB	129, 117, 167
RGB Percent	51%, 46%, 65%
CMY	0.4941, 0.5412, 0.3451
CMYK	0.23, 0.30, 0.00, 0.35
HSL	254°, 22%, 56%
HSV	254°, 30%, 65%
XYZ	22.3896, 20.1797, 39.2742
YIQ	126.2880, -8.8980, 18.0940

Conversions

Conversions Part 2

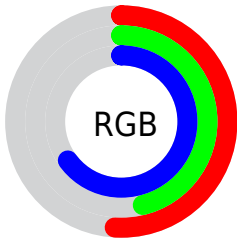
Format	Color
R_{YB}	129, 117, 167
Decimal	8484263
CIE Lab	52.04, 15.52, -25.06
CIE LCh	52, 29.476, 301.775
Yxy	20.1797, 0.2736, 0.2466
Android (android.graphics.Color)	4286674343 (0xFF8175A7)
YUV	126.2880, 20.0710, 2.3784
Hunter-Lab	44.9219, 10.3533, -20.3907

Details

The Hex color **8175A7** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9BA775**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **B7A9DE**, and **4F4573** is the 20% darker color. If you saturate the color by 10%, you get **7464A7**, and if you desaturate by 10%, it is **8E86A7**.

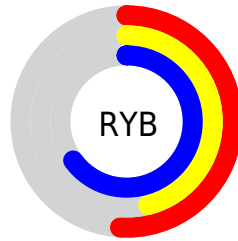
Distribution



Red (51%)

Green (46%)

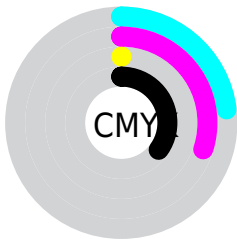
Blue (65%)



Red (51%)

Yellow (46%)

Blue (65%)

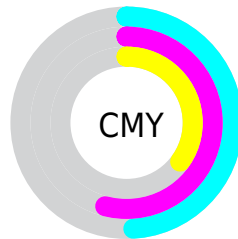


Cyan (23%)

Magenta (30%)

Yellow (0%)

Black (35%)



Cyan (49%)

Magenta (54%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8175A7 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 8175A7 by changing the saturation by 10% instead.

■ 8175A7

■ 8175A7

FFFFFF

■ 675C8C

■ B7A9DE

■ 4F4573

■ D2C4FB

■ 372E5A

■ EFE0FF

■ 1F1A42

■ FFFDFF

■ 0C002C

■ 000117

■ 000000

■ 8175A7

■ 8175A7

■ 7464A7

■ 8E86A7

6854A7

9A96A7

5B43A7

A7A7A7

4E32A7

B4B8A7

4221A7

C0C8A7

3511A7

CDD9A7

2800A7

DAEAA7

E7FBA7

F3FFA7

Harmonies

Analogous

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



5A7EAE



8175A7



9D6D94

Triad

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



8175A7



A07250



308A7D

Complementary

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



8175A7



9BA775

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.



538763



8175A7



8B7B49

Square

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



8175A7



AC6B63



718350



128996

Rectangle

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



8175A7



A86984



718350



3C8974

Sweetspot

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



8175A7



CAC5D9



759BA7



64626E



EDEDED



6E6E6E

Same Dimension

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



8175A7



9D8BD9



9A75A7



4E4C54



230094



050014

Inverse Universe

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



A7759B



D98BC6



82A775



544C52



940070



140010

Previews

White Background



This preview shows how the Hex color 8175A7 looks on a white background.

Color Contrast Check

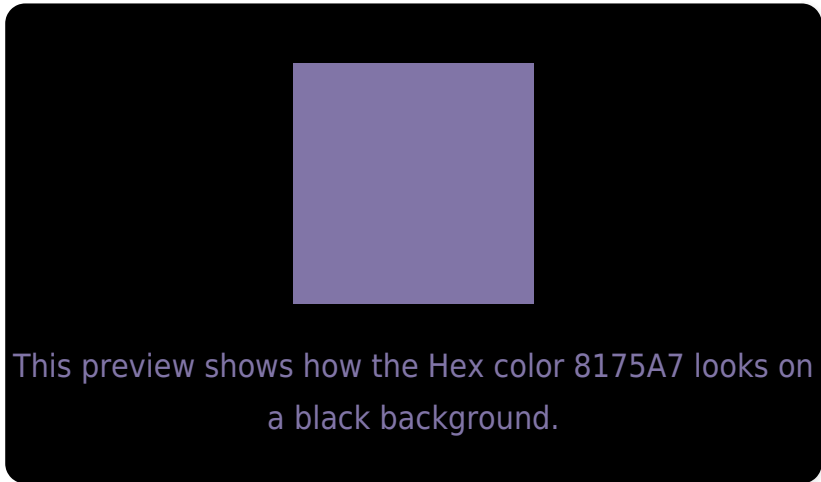
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 8175A7 Background



This preview shows how black text looks on a background with the Hex color 8175A7.



This preview shows how white text looks on a background with the Hex color 8175A7.

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



Original Color
8175A7

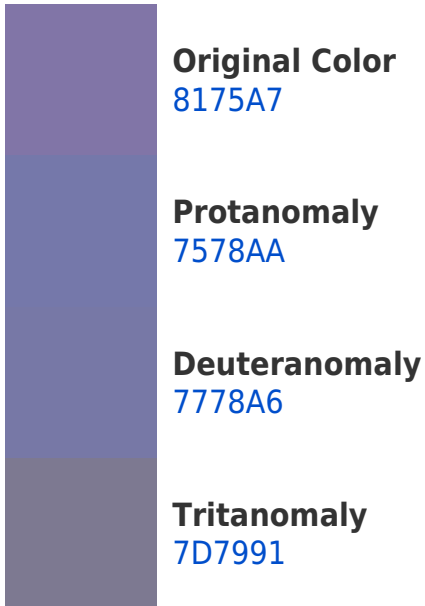
Protanopia
6E7AAB

Deuteranopia
717AA6

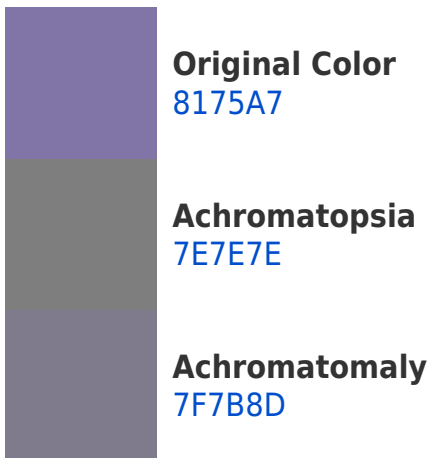


Tritanopia
7B7C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8175A7 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 #8175A7 looks like.

```
.text, #text, p{  
    color:#8175A7  
}
```

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 #8175A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8175A7
}
```

Border

The CSS property to change the border of an element to Hex 8175A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

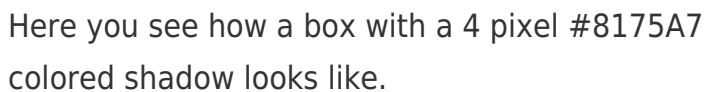
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8175A7 }
```

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

```
.border{ border-color:#8175A7 }
```

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



Here you see how a box with a 4 pixel #8175A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8175A7; -webkit-box-shadow:4px 4px  
4px 4px #8175A7; box-shadow:4px 4px 4px  
4px #8175A7 }
```

Background

The CSS property to change the background color of an element to Hex 8175A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8175A7 }
```

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

```
.background{ background-color:#8175A7 }
```

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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