

# Converting Colors

Hex(1477A8)

Have a look what the booklet for  
Hex(1477A8) contains.

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# Color

Hex(1477A8)

# Conversions

## Conversions Part 1

Format	Color
Hex	1477A8
RGB	20, 119, 168
RGB Percent	8%, 47%, 66%
CMY	0.9216, 0.5333, 0.3412
CMYK	0.88, 0.29, 0.00, 0.34
HSL	200°, 79%, 37%
HSV	200°, 88%, 66%
XYZ	13.9532, 16.1695, 39.4314
YIQ	94.9850, -74.7330, -5.7490

# Conversions

## Conversions Part 2

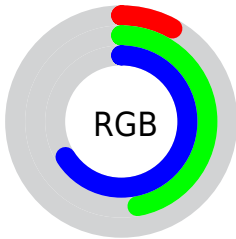
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 79, 168
Decimal	1341352
CIE <sub>Lab</sub>	47.20, -8.63, -33.60
CIE <sub>LCh</sub>	47, 34.690, 255.589
Yxy	16.1695, 0.2006, 0.2325
Android (android.graphics.Color)	4279531432 (0xFF1477A8)
YUV	94.9850, 35.9964, -65.7618
Hunter-Lab	40.2114, -8.4310, -29.9921

# Details

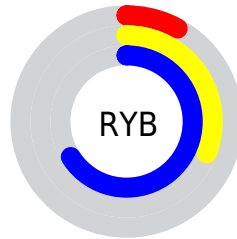
The Hex color **1477A8** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A84514**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5EABDF**, and **004774** is the 20% darker color. If you saturate the color by 10%, you get **0371A8**, and if you desaturate by 10%, it is **257DA8**.

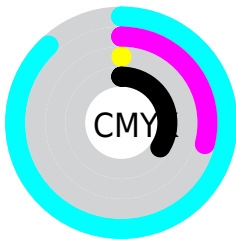
# Distribution



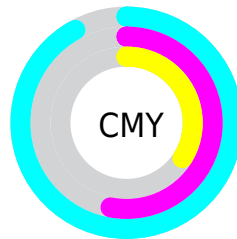
- Red (8%)
- Green (47%)
- Blue (66%)



- Red (8%)
- Yellow (31%)
- Blue (66%)



- Cyan (88%)
- Magenta (29%)
- Yellow (0%)
- Black (34%)



- Cyan (92%)
- Magenta (53%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1477A8 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 1477A8 by changing the saturation by 10% instead.



■ 1477A8

■ 1477A8

FFFFFF

■ 005E8D

■ 5EABDF

■ 004774

■ 7CC6FC

■ 00315B

■ 99E2FF

■ 001C43

■ B7FFFF

■ 00032D

■ D4FFFF

■ 000117

■ F2FFFF

■ 000000

■ 1477A8

■ 1477A8

■ 0371A8

■ 257DA8

0070A8

3682A8

4688A8

578DA8

6893A8

7998A8

8A9EA8

9AA3A8

ABA9A8

# Harmonies

## Analogous

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



007D99



1477A8



5C6EA8

# Triad

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



1477A8



A85862



527A46

# Complementary

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



1477A8



A84514

# 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.



737336



1477A8



A15F47

# Square

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



1477A8



9F5A7F



8E6937



257E60

# Rectangle

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



1477A8



7A669F



8E6937



5E783F



# Sweetspot

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



1477A8



A2C8DB



14A843



4C626E



EDEDED



6E6E6E



# Same Dimension

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



1477A8



0093DB



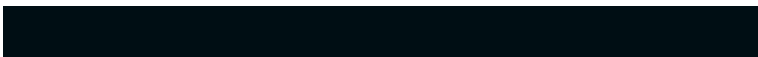
142FA8



4C5154



006394



000E14



# Inverse Universe

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



A81477



DB0093



A88D14



544C51



940063



14000E



# Previews

## White Background



This preview shows how the Hex color 1477A8 looks on a white background.

## Color Contrast Check

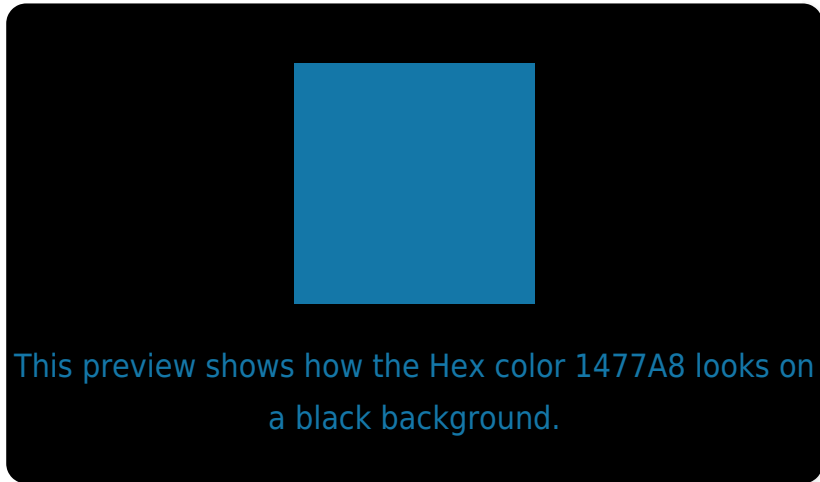
Large Text (above 18pt) WCAG AA ✓ Pass

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

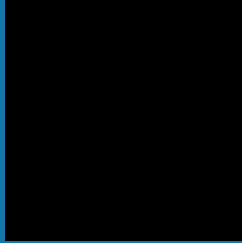
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1477A8 Background



This preview shows how black text looks on a background with the Hex color 1477A8.

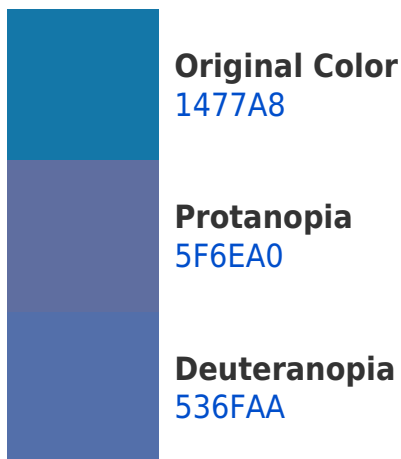


This preview shows how white text looks on a background with the Hex color 1477A8.

# 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**  
007C85

# Trichromacy



**Original Color**  
1477A8

**Protanomaly**  
4471A3

**Deuteranomaly**  
3C72A9

**Tritanomaly**  
077A92

# Monochromacy



**Original Color**  
1477A8

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
44687A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1477A8 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 #1477A8 looks like.

```
.text, #text, p{  
    color:#1477A8  
}
```

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 #1477A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1477A8
}
```

## Border

The CSS property to change the border of an element to Hex 1477A8 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
#1477A8 }
```

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

```
.border{ border-color:#1477A8 }
```

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

Here you see how a box with a 4 pixel #1477A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1477A8; -webkit-box-shadow:4px 4px  
4px 4px #1477A8; box-shadow:4px 4px 4px  
4px #1477A8 }
```

# Background

The CSS property to change the background color of an element to Hex 1477A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1477A8 }
```

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

```
.background{ background-color:#1477A8 }
```

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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