

# Converting Colors

Hex(1187BA)

Have a look what the booklet for  
Hex(1187BA) contains.

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# Color

**Hex(1187BA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1187BA
RGB	17, 135, 186
RGB Percent	7%, 53%, 73%
CMY	0.9333, 0.4706, 0.2706
CMYK	0.91, 0.27, 0.00, 0.27
HSL	198°, 83%, 40%
HSV	198°, 91%, 73%
XYZ	17.7581, 20.9923, 49.5703
YIQ	105.5320, -86.6990, -9.1550

# Conversions

## Conversions Part 2

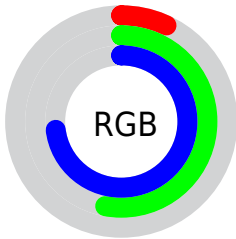
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 86, 186
Decimal	1148858
CIELab	52.94, -11.32, -34.99
CIELCh	53, 36.779, 252.074
Yxy	20.9923, 0.2011, 0.2377
Android (android.graphics.Color)	4279338938 (0xFF1187BA)
YUV	105.5320, 39.6707, -77.6426
Hunter-Lab	45.8173, -10.9966, -32.0744

# Details

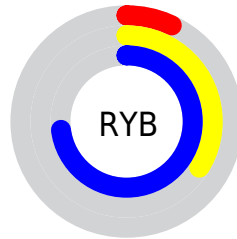
The Hex color **1187BA** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BA4411**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **62BCF2**, and **005585** is the 20% darker color. If you saturate the color by 10%, you get **0082BA**, and if you desaturate by 10%, it is **248DBA**.

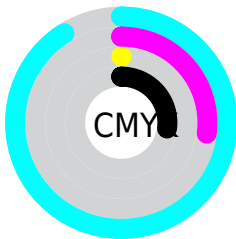
# Distribution



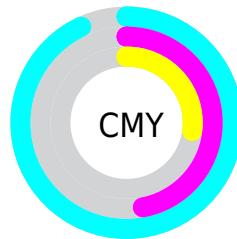
- Red (7%)
- Green (53%)
- Blue (73%)



- Red (7%)
- Yellow (34%)
- Blue (73%)



- Cyan (91%)
- Magenta (27%)
- Yellow (0%)
- Black (27%)



- Cyan (93%)
- Magenta (47%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1187BA 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 1187BA by changing the saturation by 10% instead.



■ 1187BA

■ 1187BA

FFFFFF

■ 006E9F

■ 62BCF2

■ 005585

■ 81D8FF

■ 003E6B

■ 9FF4FF

■ 002953

■ BDFFFF

■ 00153B

■ DBFFFF

■ 000225

■ FAFFFF

■ 00010D

■ 000000

■ 1187BA

■ 1187BA

■ 0082BA

■ 248DBA

■ 3692BA

■ 4998BA

■ 5B9DBA

■ 6EA3BA

■ 81A9BA

■ 93AEBA

■ A6B4BA

■ B8BABA

# Harmonies

## Analogous

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



008DA8



1187BA



637DBC

# Triad

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



1187BA



BB6573



63894E

# Complementary

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



1187BA



BA4411

# 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.



85813F



1187BA



B56B56

# Square

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



1187BA



AF6793



A27642



368D6A

# Rectangle

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



1187BA



8475B4



A27642



6F8647



# Sweetspot

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



1187BA



B1DFF2



11BA44



536F7A



F9FAFA



7A7A7A



# Same Dimension

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



1187BA



00A9F2



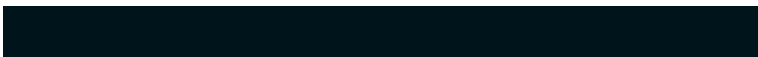
1133BA



53595C



006D9C



00141C



# Inverse Universe

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



BA1187



F200A9



BA9811



5C5359



9C006D



1C0014



# Previews

## White Background



This preview shows how the Hex color 1187BA looks on a white background.

## Color Contrast Check

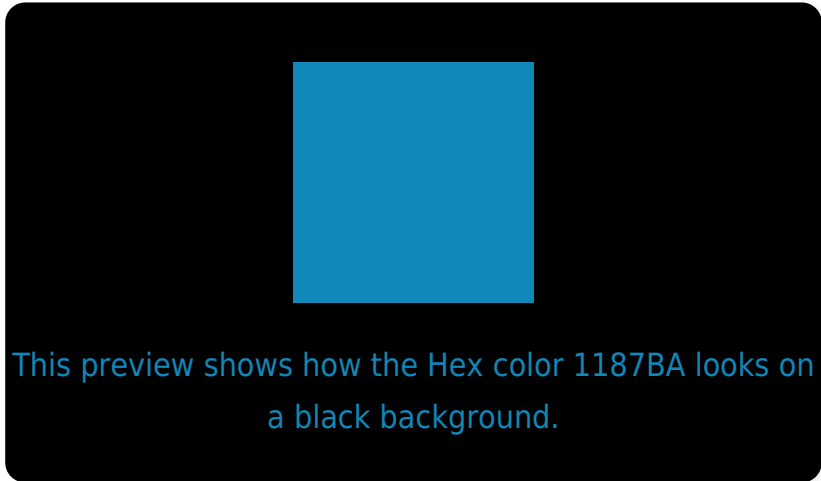
Large Text (above 18pt) WCAG AA ✓ Pass

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

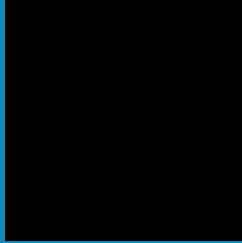
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1187BA Background



This preview shows how black text looks on a background with the Hex color 1187BA.

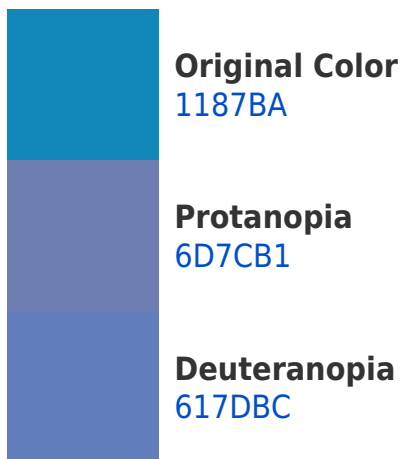


This preview shows how white text looks on a background with the Hex color 1187BA.

# 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](#).

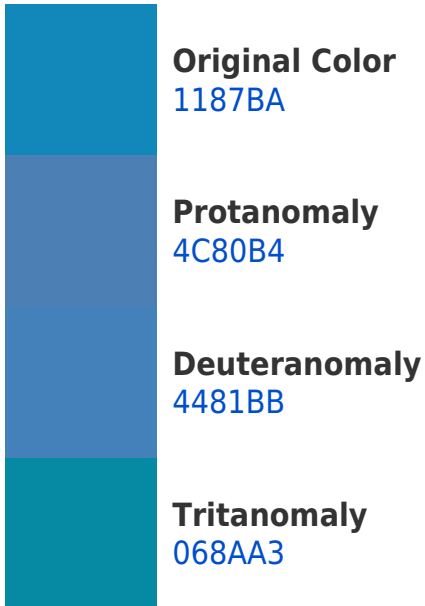
## Dichromacy





**Tritanopia**  
008C96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1187BA 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 #1187BA looks like.

```
.text, #text, p{  
    color:#1187BA  
}
```

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 #1187BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1187BA
}
```

## Border

The CSS property to change the border of an element to Hex 1187BA 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
#1187BA }
```

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

```
.border{ border-color:#1187BA }
```

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

Here you see how a box with a 4 pixel #1187BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1187BA; -webkit-box-shadow:4px 4px  
4px 4px #1187BA; box-shadow:4px 4px 4px  
4px #1187BA }
```

# Background

The CSS property to change the background color of an element to Hex 1187BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1187BA }
```

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

```
.background{ background-color:#1187BA }
```

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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