

# Converting Colors

Hex(1187C7)

Have a look what the booklet for  
Hex(1187C7) contains.

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# Color

Hex(1187C7)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1187C7
RGB	17, 135, 199
RGB Percent	7%, 53%, 78%
CMY	0.9333, 0.4706, 0.2196
CMYK	0.91, 0.32, 0.00, 0.22
HSL	201°, 84%, 42%
HSV	201°, 91%, 78%
XYZ	19.2039, 21.5706, 57.1842
YIQ	107.0140, -90.8720, -5.1120

# Conversions

## Conversions Part 2

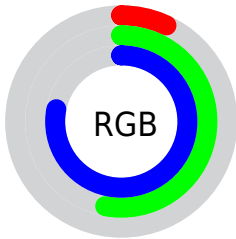
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	17, 89, 199
Decimal	1148871
CIE <sub>Lab</sub>	53.57, -6.47, -41.42
CIE <sub>LCh</sub>	54, 41.919, 261.124
Yxy	21.5706, 0.1960, 0.2202
Android (android.graphics.Color)	4279338951 (0xFF1187C7)
YUV	107.0140, 45.3491, -78.9423
Hunter-Lab	46.4442, -7.4704, -40.4896

# Details

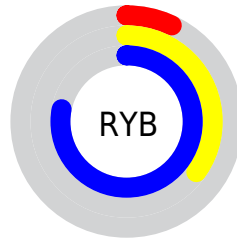
The Hex color **1187C7** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **C75111**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **65BCFF**, and **005691** is the 20% darker color. If you saturate the color by 10%, you get **0081C7**, and if you desaturate by 10%, it is **258EC7**.

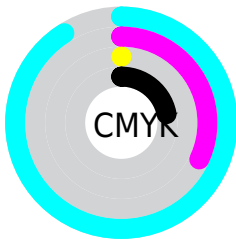
# Distribution



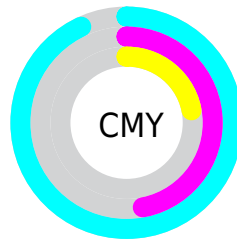
- Red (7%)
- Green (53%)
- Blue (78%)



- Red (7%)
- Yellow (35%)
- Blue (78%)



- Cyan (91%)
- Magenta (32%)
- Yellow (0%)
- Black (22%)



- Cyan (93%)
- Magenta (47%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1187C7 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 1187C7 by changing the saturation by 10% instead.



■ 1187C7

■ 1187C7

FFFFFF

■ 006EAB

■ 65BCFF

■ 005691

■ 84D8FF

■ 003F77

■ A3F4FF

■ 00295E

■ C1FFFF

■ 001546

■ E0FFFF

■ 00042F

FEFFFF

■ 000119

■ 000000

■ 1187C7

■ 1187C7

0081C7

258EC7

3995C7

4D9CC7

61A3C7

75AAC7

88B1C7

9CB8C7

B0BFC7

C4C6C7

# Harmonies

## Analogous

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



008FB7



1187C7



717BC3

# Triad

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



1187C7



C46368



518E51

# Complementary

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



1187C7



C75111

# 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.



7C863A



1187C7



B86D49

# Square

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



1187C7



BD628C



9E7A37



009274

# Rectangle

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



1187C7



9471B7



9E7A37



618B47

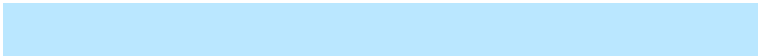


# Sweetspot

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



1187C7



BAE7FF



11C751



577180



000000



808080

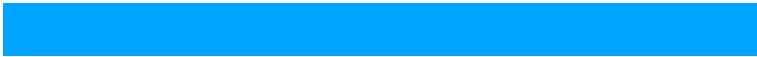


# Same Dimension

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



1187C7



00A5FF



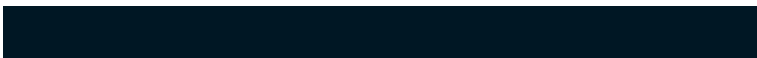
112CC7



5A6063



006AA3



001724



# Inverse Universe

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



C71187



FF00A5



C7AC11



635A60



A3006A



240017



# Previews

## White Background



This preview shows how the Hex color 1187C7 looks on a white background.

## Color Contrast Check

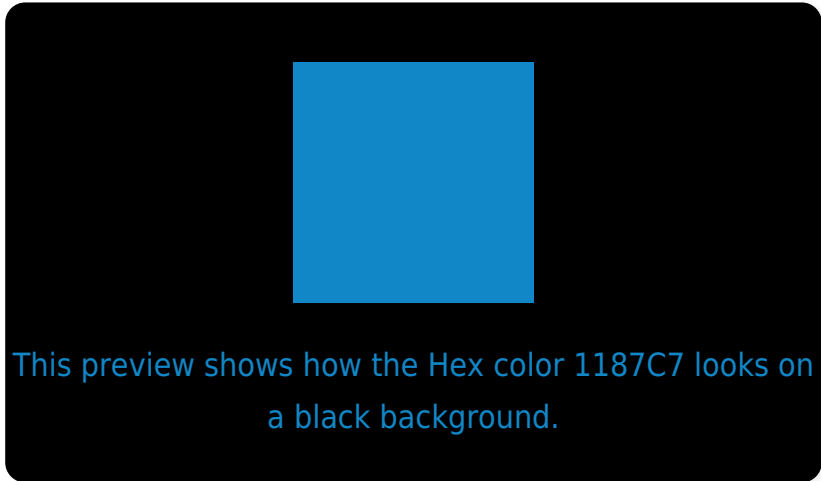
Large Text (above 18pt) WCAG AA ✓ Pass

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

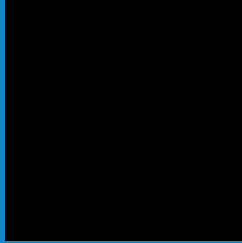
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 1187C7 Background



This preview shows how black text looks on a background with the Hex color 1187C7.

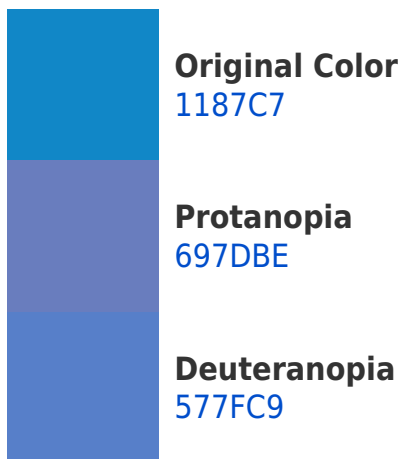


This preview shows how white text looks on a background with the Hex color 1187C7.

# 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](#).

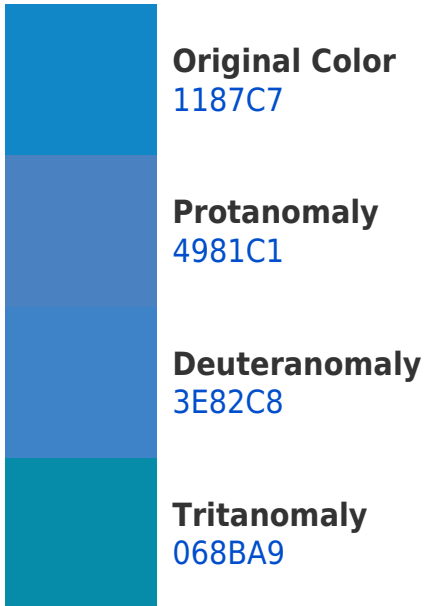
## Dichromacy



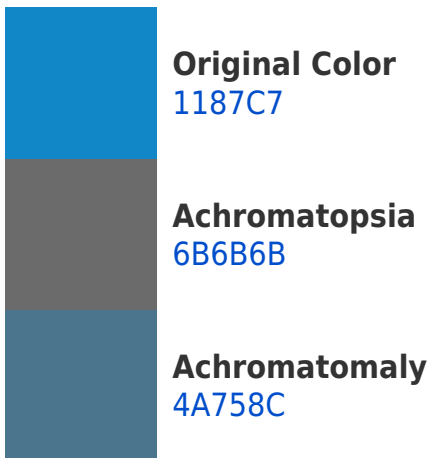


**Tritanopia**  
008E98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1187C7 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 #1187C7 looks like.

```
.text, #text, p{  
    color:#1187C7  
}
```

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 #1187C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1187C7
}
```

## Border

The CSS property to change the border of an element to Hex 1187C7 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
#1187C7 }
```

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

```
.border{ border-color:#1187C7 }
```

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

Here you see how a box with a 4 pixel #1187C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1187C7; -webkit-box-shadow:4px 4px  
4px 4px #1187C7; box-shadow:4px 4px 4px  
4px #1187C7 }
```

# Background

The CSS property to change the background color of an element to Hex 1187C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1187C7 }
```

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

```
.background{ background-color:#1187C7 }
```

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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