

# Converting Colors

Hex(1257BC)

Have a look what the booklet for  
Hex(1257BC) contains.

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# Color

Hex(1257BC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1257BC
RGB	18, 87, 188
RGB Percent	7%, 34%, 74%
CMY	0.9294, 0.6588, 0.2627
CMYK	0.90, 0.54, 0.00, 0.26
HSL	216°, 83%, 40%
HSV	216°, 90%, 74%
XYZ	12.7347, 10.5758, 48.9471
YIQ	77.8830, -73.5450, 16.7830

# Conversions

## Conversions Part 2

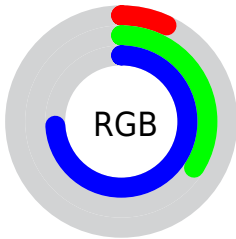
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 67, 188
Decimal	1202108
CIE <sub>Lab</sub>	38.86, 19.40, -58.63
CIE <sub>LCh</sub>	39, 61.755, 288.309
Yxy	10.5758, 0.1762, 0.1464
Android (android.graphics.Color)	4279392188 (0xFF1257BC)
YUV	77.8830, 54.2877, -52.5174
Hunter-Lab	32.5205, 12.9882, -66.4739

# Details

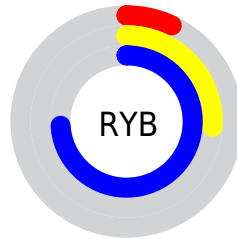
The Hex color **1257BC** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **BC7712**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6388F5**, and **002B86** is the 20% darker color. If you saturate the color by 10%, you get **004CBC**, and if you desaturate by 10%, it is **2562BC**.

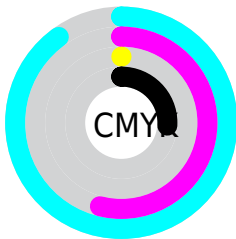
# Distribution



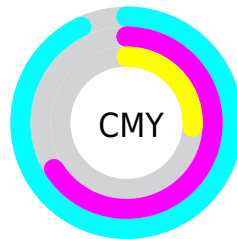
- Red (7%)
- Green (34%)
- Blue (74%)



- Red (7%)
- Yellow (26%)
- Blue (74%)



- Cyan (90%)
- Magenta (54%)
- Yellow (0%)
- Black (26%)



- Cyan (93%)
- Magenta (66%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1257BC 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 1257BC by changing the saturation by 10% instead.



■ 1257BC

■ 1257BC

FFFFFF

■ 0040A0

■ 6388F5

■ 002B86

■ 82A2FF

■ 00196C

■ A0BDFF

■ 000053

■ BED9FF

■ 00063B

■ DCF5FF

■ 000224

■ FAFFFF

■ 00000C

■ 000000

■ 1257BC

■ 1257BC

■ 004CBC

■ 2562BC

■ 386DBC

■ 4A79BC

■ 5D84BC

■ 708FBC

■ 839ABC

■ 96A5BC

■ A8B0BC

■ BBBCBC

# Harmonies

## Analogous

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



0067BF



1257BC



823D9F

# Triad

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



1257BC



A1390D



007045

# Complementary

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



1257BC



BC7712

# 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.



006B0B



1257BC



805200

# Square

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



1257BC



B11C3F



536200



00717A

# Rectangle

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



1257BC



A02782



536200



006F34



# Sweetspot

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



1257BC



B3CEF5



12BC75



53637A



FAFAFA



7A7A7A



# Same Dimension

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



1257BC



0063F5



2012BC



55595E



00409E



000C1F



# Inverse Universe

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



BC1257



F50063



AEBC12



5E5559



9E0040



1F000C



# Previews

## White Background



This preview shows how the Hex color 1257BC looks on a white background.

## Color Contrast Check

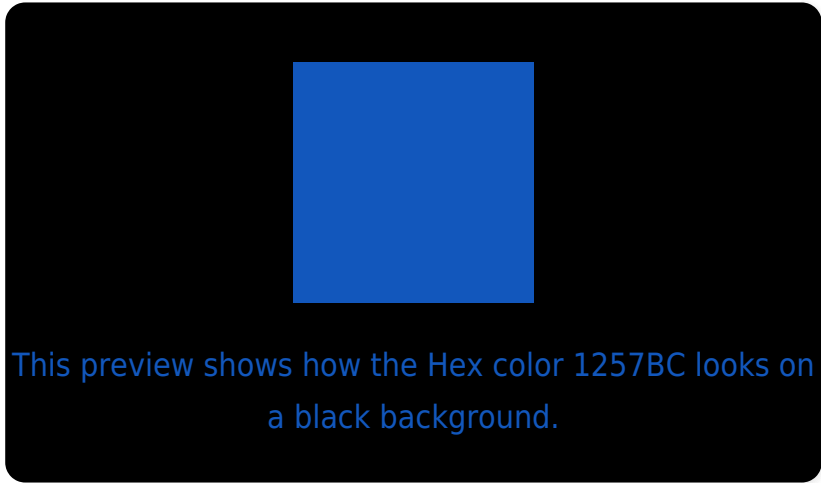
Large Text (above 18pt) WCAG AA ✓ Pass

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

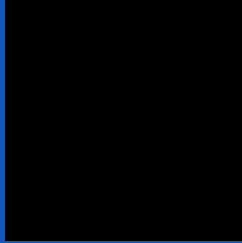
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1257BC Background



This preview shows how black text looks on a background with the Hex color 1257BC.



This preview shows how white text looks on a background with the Hex color 1257BC.

# 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**  
1257BC

**Protanopia**  
0058BB

**Deuteranopia**  
005DA1



**Tritanopia**  
00656C

# Trichromacy



**Original Color**  
1257BC

**Protanomaly**  
0758BB

**Deuteranomaly**  
075BAB

**Tritanomaly**  
076089

# Monochromacy



**Original Color**  
1257BC

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
385176

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1257BC 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 #1257BC looks like.

```
.text, #text, p{  
    color:#1257BC  
}
```

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 #1257BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1257BC }  
}
```

## Border

The CSS property to change the border of an element to Hex 1257BC 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 #1257BC }  
}
```

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

```
.border{ border-color:#1257BC }
```

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

Here you see how a box with a 4 pixel #1257BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1257BC; -webkit-box-shadow:4px 4px  
4px 4px #1257BC; box-shadow:4px 4px 4px  
4px #1257BC }
```

# Background

The CSS property to change the background color of an element to Hex 1257BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1257BC }
```

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

```
.background{ background-color:#1257BC }
```

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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