

Converting Colors

Hex(1567CC)

Have a look what the booklet for
Hex(1567CC) contains.

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Color

Hex(1567CC)

Conversions

Conversions Part 1

Format	Color
Hex	1567CC
RGB	21, 103, 204
RGB Percent	8%, 40%, 80%
CMY	0.9176, 0.5961, 0.2000
CMYK	0.90, 0.50, 0.00, 0.20
HSL	213°, 81%, 44%
HSV	213°, 90%, 80%
XYZ	16.0586, 14.2196, 59.0250
YIQ	89.9960, -81.2930, 14.0270

Conversions

Conversions Part 2

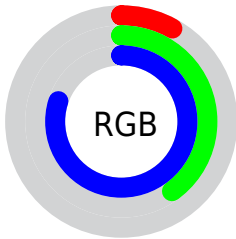
Format	Color
RYB	21, 78, 204
Decimal	1402828
CIELab	44.55, 15.44, -58.69
CIELCh	45, 60.682, 284.739
Yxy	14.2196, 0.1798, 0.1592
Android (android.graphics.Color)	4279592908 (0xFF1567CC)
YUV	89.9960, 56.2040, -60.5095
Hunter-Lab	37.7088, 10.0251, -66.4095

Details

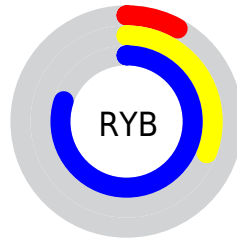
The Hex color **1567CC** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **CC7A15**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **6899FF**, and **003995** is the 20% darker color. If you saturate the color by 10%, you get **015CCC**, and if you desaturate by 10%, it is **2972CC**.

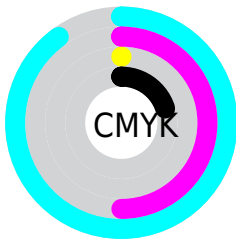
Distribution



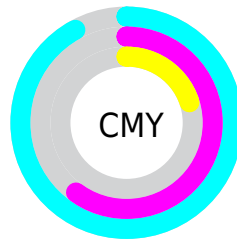
- Red (8%)
- Green (40%)
- Blue (80%)



- Red (8%)
- Yellow (31%)
- Blue (80%)



- Cyan (90%)
- Magenta (50%)
- Yellow (0%)
- Black (20%)



- Cyan (92%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1567CC 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 1567CC by changing the saturation by 10% instead.

 1567CC

 1567CC

FFFFFF

 004FB0

 6899FF

 003995

 87B4FF

 00257A

 A6CFFF

 001261

 C4EBFF

 000848

 E2FFFF

 000431

 00011B

 000000

 1567CC

 1567CC

■ 015CCC

■ 2972CC

■ 005BCC

■ 3E7ECC

■ 5289CC

■ 6794CC

■ 7B9FCC

■ 8FABCC

■ A4B6CC

■ B8C1CC

■ CDCCCC

Harmonies

Analogous

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



0076CB



1567CC



8A4FB2

Triad

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



1567CC



B44623



007E4D

Complementary

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



1567CC



CC7A15

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.



297917



1567CC



945E00

Square

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



1567CC



C23053



686F00



008082

Rectangle

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



1567CC



AB3D95



686F00



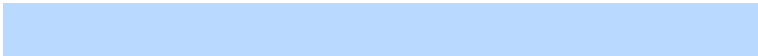
007D3B

Sweetspot

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



1567CC



BAD9FF



15CC7A



576980



000000



808080

Same Dimension

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



1567CC



0072FF



1E15CC



5C6066



004AA6



001126

Inverse Universe

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



CC1567



FF0072



C3CC15



665C60



A6004A



260011

Previews

White Background



This preview shows how the Hex color 1567CC looks on a white background.

Color Contrast Check

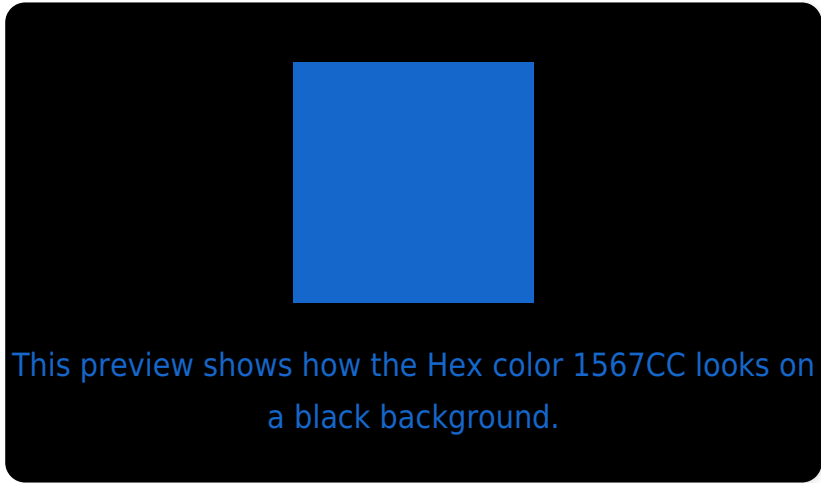
Large Text (above 18pt) WCAG AA ✓ Pass

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

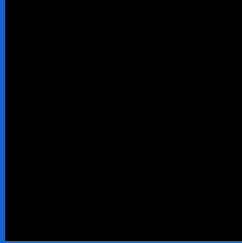
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

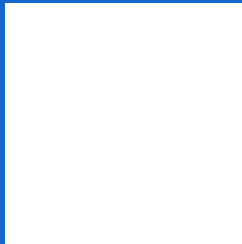
Any Text WCAG AAA × Fail

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

Hex 1567CC Background



This preview shows how black text looks on a background with the Hex color 1567CC.



This preview shows how white text looks on a background with the Hex color 1567CC.

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](#).

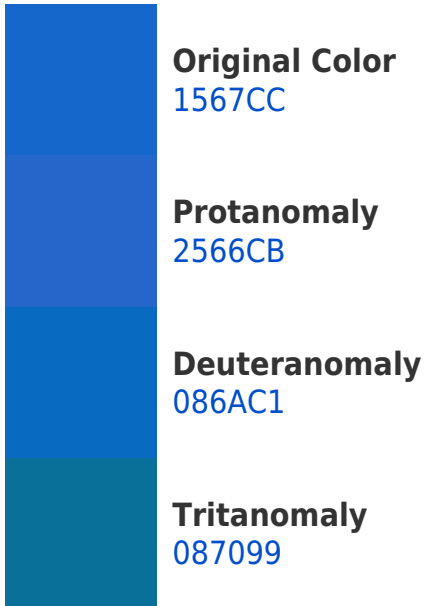
Dichromacy



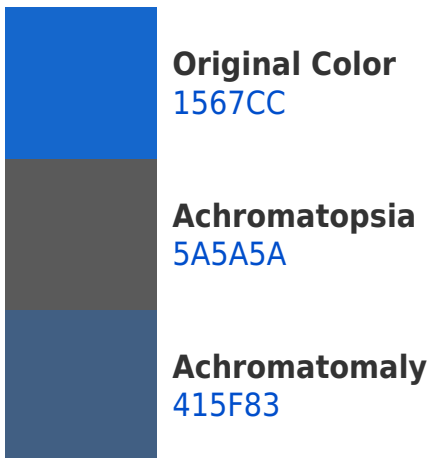


Tritanopia
00757C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1567CC 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 #1567CC looks like.

```
.text, #text, p{  
    color:#1567CC  
}
```

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 #1567CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1567CC
}
```

Border

The CSS property to change the border of an element to Hex 1567CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

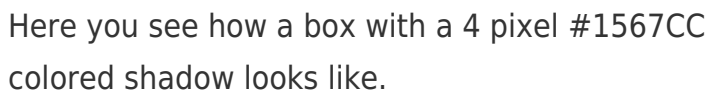
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1567CC }
```

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

```
.border{ border-color:#1567CC }
```

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



Here you see how a box with a 4 pixel #1567CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1567CC; -webkit-box-shadow:4px 4px  
4px 4px #1567CC; box-shadow:4px 4px 4px  
4px #1567CC }
```

Background

The CSS property to change the background color of an element to Hex 1567CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1567CC }
```

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

```
.background{ background-color:#1567CC }
```

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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