

Converting Colors

Hex(124CC4)

Have a look what the booklet for
Hex(124CC4) contains.

Hex(124CC4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(124CC4)

Conversions

Conversions Part 1

Format	Color
Hex	124CC4
RGB	18, 76, 196
RGB Percent	7%, 30%, 77%
CMY	0.9294, 0.7020, 0.2314
CMYK	0.91, 0.61, 0.00, 0.23
HSL	220°, 83%, 42%
HSV	220°, 91%, 77%
XYZ	12.7977, 9.2830, 53.3418
YIQ	72.3380, -73.0880, 25.0240

Conversions

Conversions Part 2

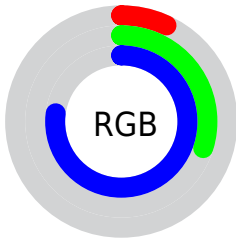
Format	Color
R_{YB}	18, 62, 196
Decimal	1199300
CIE _{Lab}	36.52, 29.88, -67.11
CIE _{LCh}	37, 73.457, 294.000
Yxy	9.2830, 0.1697, 0.1231
Android (android.graphics.Color)	4279389380 (0xFF124CC4)
YUV	72.3380, 60.9654, -47.6544
Hunter-Lab	30.4680, 21.6576, -82.4743

Details

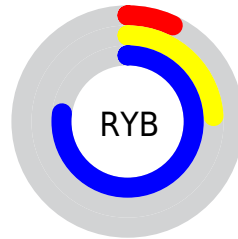
The Hex color **124CC4** is a dark color, and the websafe version is hex **003399**. The color can be described as dark washed blue. A complement of this color would be **C48A12**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **667CFE**, and **00228D** is the 20% darker color. If you saturate the color by 10%, you get **0040C4**, and if you desaturate by 10%, it is **2659C4**.

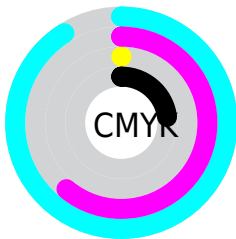
Distribution



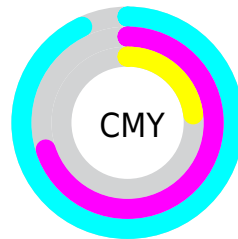
- Red (7%)
- Green (30%)
- Blue (77%)



- Red (7%)
- Yellow (24%)
- Blue (77%)



- Cyan (91%)
- Magenta (61%)
- Yellow (0%)
- Black (23%)



- Cyan (93%)
- Magenta (70%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 124CC4 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 124CC4 by changing the saturation by 10% instead.

 124CC4

 124CC4

FFFFFF

 0036A8

 667CFE

 00228D

 8596FF

 001073

 A4B1FF

 000159

 C2CCFF

 000741

 E1E8FF

 00032A

 000114

 000000

 124CC4

 124CC4

■ 0040C4

■ 2659C4

■ 3966C4

■ 4D74C4

■ 6081C4

■ 748EC4

■ 889BC4

■ 9BA8C4

■ AFB6C4

■ C2C3C4

Harmonies

Analogous

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



0062CE



124CC4



8E229D

Triad

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



124CC4



9D3000



006C48

Complementary

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



124CC4



C48A12

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.



006900



124CC4



745000

Square

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



124CC4



B6002B



3B6000



006D85

Rectangle

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



124CC4



AC0078



3B6000



006B33

Sweetspot

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



124CC4



BAD1FF



12C489



576480



000000



808080

Same Dimension

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



124CC4



0053FF



3012C4



575A61



0034A1



000B21

Inverse Universe

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



C4124C



FF0053



A6C412



61575A



A10034



21000B

Previews

White Background



This preview shows how the Hex color 124CC4 looks on a white background.

Color Contrast Check

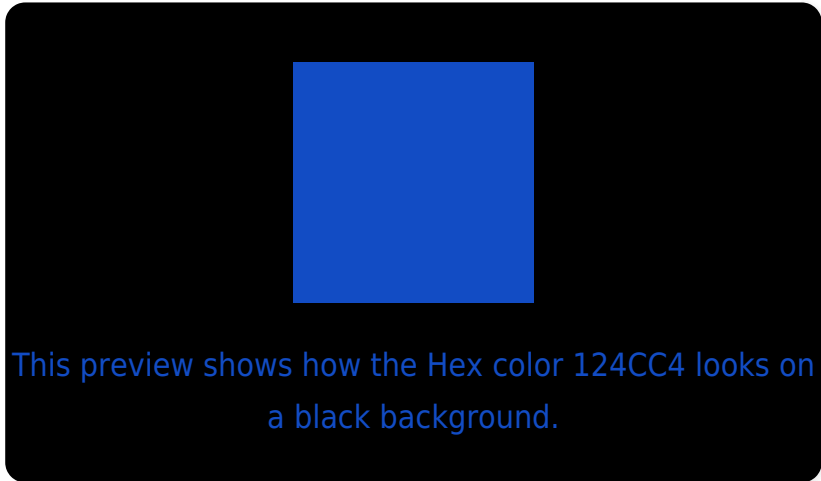
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

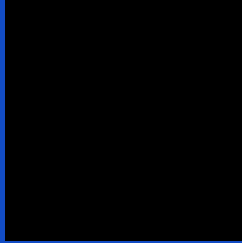
Any Text WCAG AA × Fail

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 124CC4 Background



This preview shows how black text looks on a background with the Hex color 124CC4.



This preview shows how white text looks on a background with the Hex color 124CC4.

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
124CC4

Protanopia
0052AF

Deuteranopia
005896



Tritanopia
005F65

Trichromacy



Original Color
124CC4

Protanomaly
0750B7

Deuteranomaly
0754A7

Tritanomaly
075888

Monochromacy



Original Color
124CC4

Achromatopsia
484848

Achromatomaly
344975

CSS Examples

Text

The CSS property to change the color of the text to Hex 124CC4 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 #124CC4 looks like.

```
.text, #text, p{  
    color:#124CC4  
}
```

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 #124CC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #124CC4  
}
```

Border

The CSS property to change the border of an element to Hex 124CC4 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  
#124CC4 }
```

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

```
.border{ border-color:#124CC4 }
```

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

Here you see how a box with a 4 pixel #124CC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #124CC4; -webkit-box-shadow:4px 4px  
4px 4px #124CC4; box-shadow:4px 4px 4px  
4px #124CC4 }
```

Background

The CSS property to change the background color of an element to Hex 124CC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#124CC4 }
```

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

```
.background{ background-color:#124CC4 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor