

Converting Colors

Hex(124FB5)

Have a look what the booklet for
Hex(124FB5) contains.

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Color

Hex(124FB5)

Conversions

Conversions Part 1

Format	Color
Hex	124FB5
RGB	18, 79, 181
RGB Percent	7%, 31%, 71%
CMY	0.9294, 0.6902, 0.2902
CMYK	0.90, 0.56, 0.00, 0.29
HSL	218°, 82%, 39%
HSV	218°, 90%, 71%
XYZ	11.3859, 9.0568, 44.8641
YIQ	72.3890, -69.0980, 18.7900

Conversions

Conversions Part 2

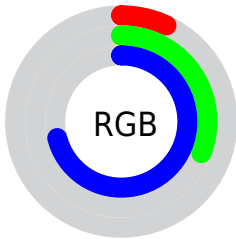
Format	Color
R_{YB}	18, 62, 181
Decimal	1200053
CIE _{Lab}	36.09, 21.94, -59.01
CIE _{LCh}	36, 62.955, 290.394
Yxy	9.0568, 0.1743, 0.1387
Android (android.graphics.Color)	4279390133 (0xFF124FB5)
YUV	72.3890, 53.5452, -47.6992
Hunter-Lab	30.0944, 14.8684, -67.3220

Details

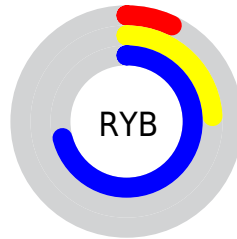
The Hex color **124FB5** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B57812**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **617FEE**, and **00247F** is the 20% darker color. If you saturate the color by 10%, you get **0044B5**, and if you desaturate by 10%, it is **245AB5**.

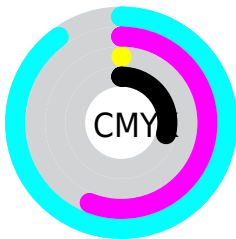
Distribution



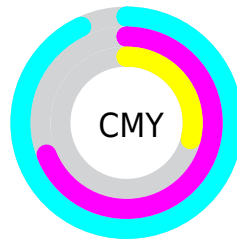
- Red (7%)
- Green (31%)
- Blue (71%)



- Red (7%)
- Yellow (24%)
- Blue (71%)



- Cyan (90%)
- Magenta (56%)
- Yellow (0%)
- Black (29%)



- Cyan (93%)
- Magenta (69%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 124FB5 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 124FB5 by changing the saturation by 10% instead.

■ 124FB5

■ 124FB5

FFFFFF

■ 00399A

■ 617FEE

■ 00247F

■ 8099FF

■ 001265

■ 9EB4FF

■ 00064D

■ BCCFFF

■ 000535

■ DAEBFF

■ 00021F

■ F8FFFF

■ 000001

■ 000000

■ 124FB5

■ 124FB5

■ 0044B5

■ 245AB5

■ 3666B5

■ 4871B5

■ 5A7CB5

■ 6D88B5

■ 7F93B5

■ 919EB5

■ A3AAB5

■ B5B5B5

Harmonies

Analogous

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



0060BA



124FB5



7F3296

Triad

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



124FB5



983300



006942

Complementary

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



124FB5



B57812

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.



006505



124FB5



764D00

Square

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



124FB5



AA0C35



485D00



006A77

Rectangle

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



124FB5



9C1878



485D00



006830

Sweetspot

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



124FB5



ABC3EB



12B577



505E75



F5F5F5



757575

Same Dimension

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



124FB5



0058EB



2512B5



505459



003999



000A1A

Inverse Universe

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



B5124F



EB0058



A2B512



595054



990039



1A000A

Previews

White Background



This preview shows how the Hex color 124FB5 looks on a white background.

Color Contrast Check

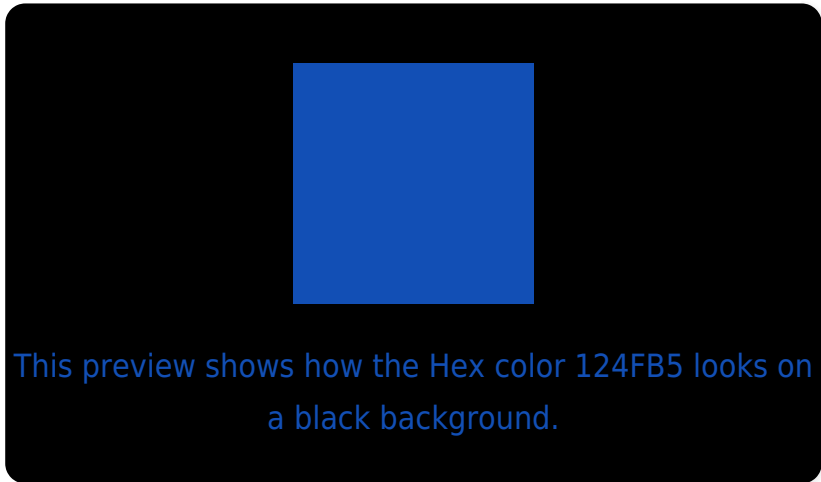
Large Text (above 18pt) WCAG AA ✓ Pass

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

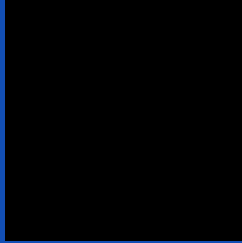
Any Text WCAG AA × Fail

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 124FB5 Background



This preview shows how black text looks on a background with the Hex color 124FB5.

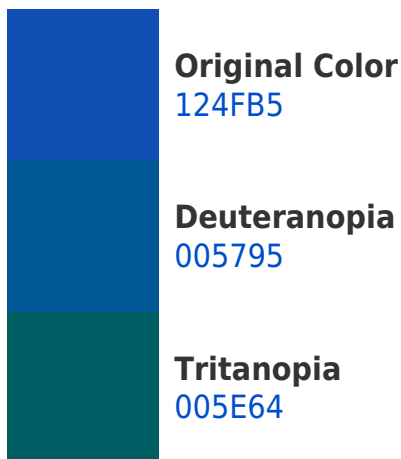


This preview shows how white text looks on a background with the Hex color 124FB5.

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



Trichromacy



Original Color
124FB5

Deuteranomaly
0754A1

Tritanomaly
075981

Monochromacy



Original Color
124FB5

Achromatopsia
484848

Achromatomaly
344B70

CSS Examples

Text

The CSS property to change the color of the text to Hex 124FB5 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 #124FB5 looks like.

```
.text, #text, p{  
    color:#124FB5  
}
```

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 #124FB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #124FB5  
}
```

Border

The CSS property to change the border of an element to Hex 124FB5 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  
#124FB5 }
```

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

```
.border{ border-color:#124FB5 }
```

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

Here you see how a box with a 4 pixel #124FB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #124FB5; -webkit-box-shadow:4px 4px  
4px 4px #124FB5; box-shadow:4px 4px 4px  
4px #124FB5 }
```

Background

The CSS property to change the background color of an element to Hex 124FB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#124FB5 }
```

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

```
.background{ background-color:#124FB5 }
```

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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