

# Converting Colors

Hex(125EC5)

Have a look what the booklet for  
Hex(125EC5) contains.

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# Color

Hex(125EC5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	125EC5
RGB	18, 94, 197
RGB Percent	7%, 37%, 77%
CMY	0.9294, 0.6314, 0.2275
CMYK	0.91, 0.52, 0.00, 0.23
HSL	215°, 83%, 42%
HSV	215°, 91%, 77%
XYZ	14.3302, 12.1652, 54.4162
YIQ	83.0180, -78.3590, 15.9210

# Conversions

## Conversions Part 2

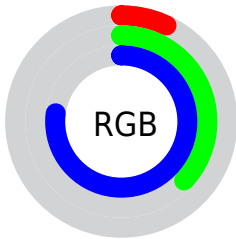
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 71, 197
Decimal	1203909
CIE <sub>Lab</sub>	41.48, 18.37, -59.62
CIE <sub>LCh</sub>	41, 62.382, 287.126
Yxy	12.1652, 0.1771, 0.1504
Android (android.graphics.Color)	4279393989 (0xFF125EC5)
YUV	83.0180, 56.1931, -57.0208
Hunter-Lab	34.8787, 12.3005, -68.0865

# Details

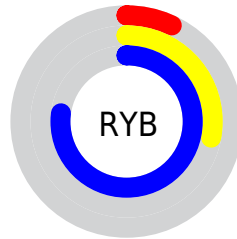
The Hex color **125EC5** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **C57912**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **6590FE**, and **00318E** is the 20% darker color. If you saturate the color by 10%, you get **0054C5**, and if you desaturate by 10%, it is **2669C5**.

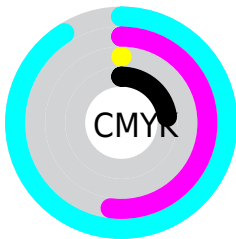
# Distribution



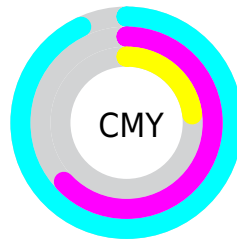
- Red (7%)
- Green (37%)
- Blue (77%)



- Red (7%)
- Yellow (28%)
- Blue (77%)



- Cyan (91%)
- Magenta (52%)
- Yellow (0%)
- Black (23%)



- Cyan (93%)
- Magenta (63%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 125EC5 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 125EC5 by changing the saturation by 10% instead.



■ 125EC5

■ 125EC5

FFFFFF

■ 0047A9

■ 6590FE

■ 00318E

■ 84AAFF

■ 001E74

■ A3C5FF

■ 00045B

■ C1E1FF

■ 000742

■ DFFDFF

■ 00032B

FEFFFF

■ 000115

■ 000000

■ 125EC5

■ 125EC5

■ 0054C5

■ 2669C5

■ 3975C5

■ 4D80C5

■ 618BC5

■ 7597C5

■ 88A2C5

■ 9CADC5

■ B0B9C5

■ C3C4C5

# Harmonies

## Analogous

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



006EC7



125EC5



8744A8

# Triad

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



125EC5



AB3F15



007749

# Complementary

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



125EC5



C57912

# 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.



0C720F



125EC5



895800

# Square

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



125EC5



BA2447



5C6800



00787F

# Rectangle

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



125EC5



A7308B



5C6800



007637



# Sweetspot

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



125EC5



BAD7FF



12C577



576880



000000



808080



# Same Dimension

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



125EC5



006CFF



1E12C5



5A5E63



0045A3



000F24



# Inverse Universe

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



C5125E



FF006C



B9C512



635A5E



A30045



24000F



# Previews

## White Background



This preview shows how the Hex color 125EC5 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



This preview shows how the Hex color 125EC5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

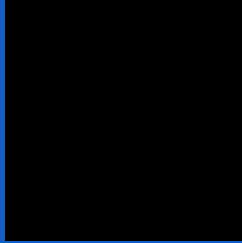
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 125EC5 Background



This preview shows how black text looks on a background with the Hex color 125EC5.



This preview shows how white text looks on a background with the Hex color 125EC5.

# 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](#).

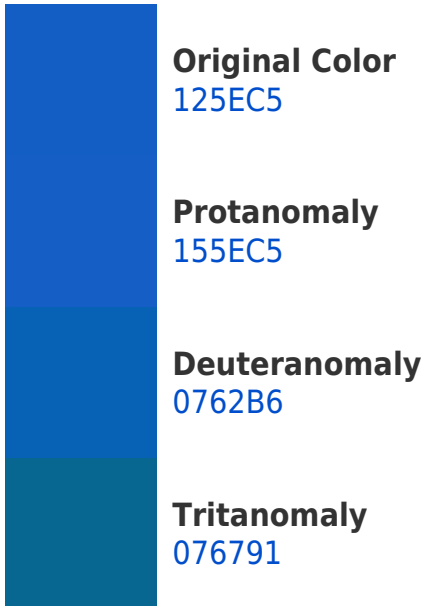
## Dichromacy



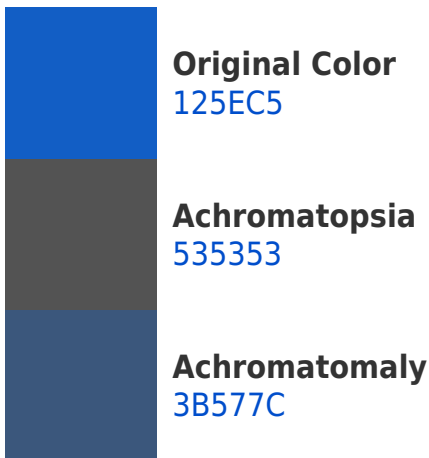


**Tritanopia**  
006C73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 125EC5 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 #125EC5 looks like.

```
.text, #text, p{  
    color:#125EC5  
}
```

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 #125EC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #125EC5
}
```

## Border

The CSS property to change the border of an element to Hex 125EC5 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
#125EC5 }
```

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

```
.border{ border-color:#125EC5 }
```

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

Here you see how a box with a 4 pixel #125EC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #125EC5; -webkit-box-shadow:4px 4px  
4px 4px #125EC5; box-shadow:4px 4px 4px  
4px #125EC5 }
```

# Background

The CSS property to change the background color of an element to Hex 125EC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#125EC5 }
```

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

```
.background{ background-color:#125EC5 }
```

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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