

# Converting Colors

Hex(125EAF)

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

<b>Hex(125EAF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(125EAF)

# Conversions

## Conversions Part 1

Format	Color
Hex	125EAF
RGB	18, 94, 175
RGB Percent	7%, 37%, 69%
CMY	0.9294, 0.6314, 0.3137
CMYK	0.90, 0.46, 0.00, 0.31
HSL	211°, 81%, 38%
HSV	211°, 90%, 69%
XYZ	11.9900, 11.2292, 42.0929
YIQ	80.5100, -71.2970, 9.0790

# Conversions

## Conversions Part 2

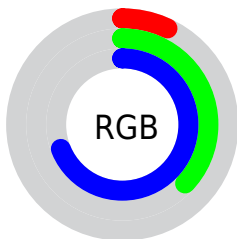
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 69, 175
Decimal	1203887
CIE <sub>Lab</sub>	39.96, 9.54, -49.21
CIE <sub>LCh</sub>	40, 50.123, 280.972
Yxy	11.2292, 0.1836, 0.1719
Android (android.graphics.Color)	4279393967 (0xFF125EAF)
YUV	80.5100, 46.5836, -54.8213
Hunter-Lab	33.5099, 5.2258, -51.0192

# Details

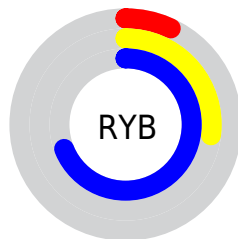
The Hex color **125EAF** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **AF6312**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **5F90E7**, and **00317A** is the 20% darker color. If you saturate the color by 10%, you get **0155AF**, and if you desaturate by 10%, it is **2467AF**.

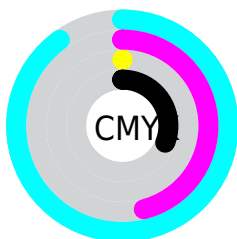
# Distribution



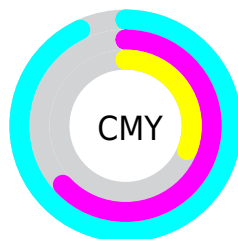
- Red (7%)
- Green (37%)
- Blue (69%)



- Red (7%)
- Yellow (27%)
- Blue (69%)



- Cyan (90%)
- Magenta (46%)
- Yellow (0%)
- Black (31%)



- Cyan (93%)
- Magenta (63%)
- Yellow (31%)

# Brightness & Saturation Gradients

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



■ 125EAF

■ 125EAF

FFFFFF

■ 004794

■ 5F90E7

■ 00317A

■ 7DAAFF

■ 001D60

■ 9BC5FF

■ 000148

■ B8E1FF

■ 000431

■ D6FEFF

■ 00011B

■ F4FFFF

■ 000000

■ 125EAF

■ 125EAF

■ 0155AF

■ 2467AF

0055AF

3570AF

4779AF

5882AF

6A8BAF

7B94AF

8D9DAF

9EA6AF

B0AFAF

# Harmonies

## Analogous

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



006AAC



125EAF



734C9C

# Triad

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



125EAF



9F402A



006F42

# Complementary

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



125EAF



AF6312

# 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.



366A19



125EAF



875204

# Square

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



125EAF



A73451



646100



00716D

# Rectangle

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



125EAF



903F87



646100



006E34



# Sweetspot

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



125EAF



A6C3E3



12AF61



4E6073



F2F2F2



737373



# Same Dimension

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



125EAF



006EE3



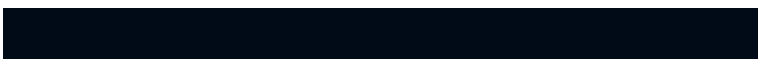
1212AF



4E5257



004996



000B17



# Inverse Universe

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



AF125E



E3006E



AFAF12



574E52



960049



17000B



# Previews

## White Background



This preview shows how the Hex color 125EAF looks on a white background.

## Color Contrast Check

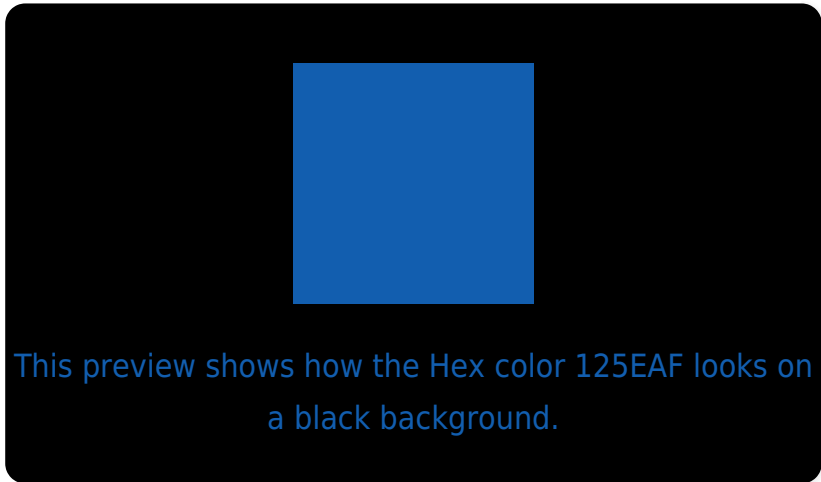
Large Text (above 18pt) WCAG AA ✓ Pass

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

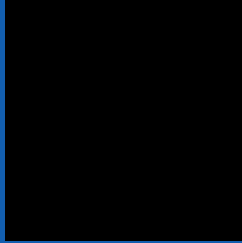
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 125EAF Background



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

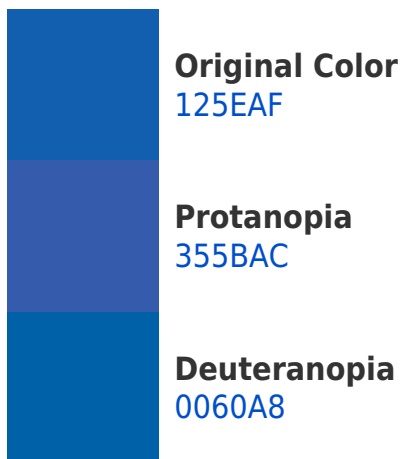


This preview shows how white text looks on a background with the Hex color 125EAF.

# 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](#).

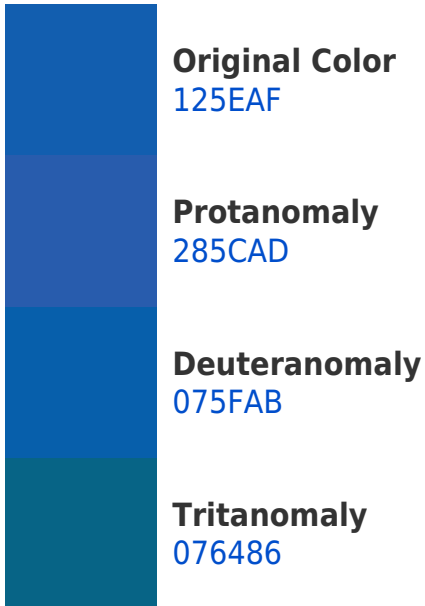
## Dichromacy



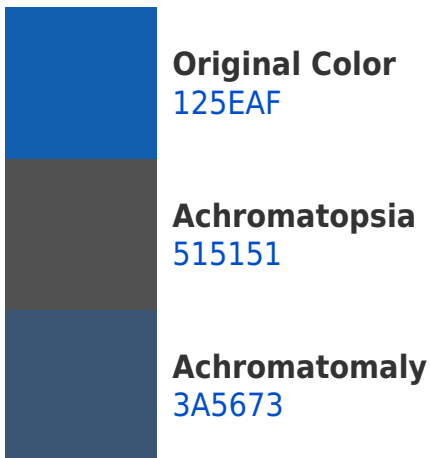


**Tritanopia**  
00686F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #125EAF colored shadow looks like.

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

## Border

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

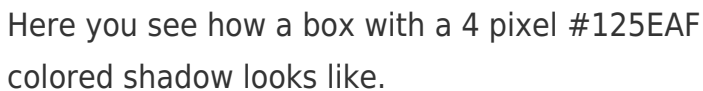
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#125EAF }
```

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

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

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



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

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

# Background

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

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

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

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

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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