

# Converting Colors

Hex(128EB0)

Have a look what the booklet for  
Hex(128EB0) contains.

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# Color

Hex(128EB0)

# Conversions

## Conversions Part 1

Format	Color
Hex	128EB0
RGB	18, 142, 176
RGB Percent	7%, 56%, 69%
CMY	0.9294, 0.4431, 0.3098
CMYK	0.90, 0.19, 0.00, 0.31
HSL	193°, 81%, 38%
HSV	193°, 90%, 69%
XYZ	17.7589, 22.6092, 44.5023
YIQ	108.8000, -84.8180, -15.7140

# Conversions

## Conversions Part 2

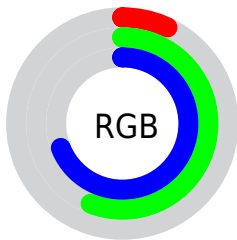
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 87, 176
Decimal	1216176
CIE <sub>Lab</sub>	54.67, -18.76, -26.58
CIE <sub>LCh</sub>	55, 32.535, 234.794
Yxy	22.6092, 0.2092, 0.2664
Android (android.graphics.Color)	4279406256 (0xFF128EB0)
YUV	108.8000, 33.1296, -79.6316
Hunter-Lab	47.5491, -16.5437, -22.2065

# Details

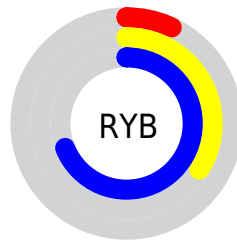
The Hex color **128EB0** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B03412**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **61C4E8**, and **005C7B** is the 20% darker color. If you saturate the color by 10%, you get **008AB0**, and if you desaturate by 10%, it is **2492B0**.

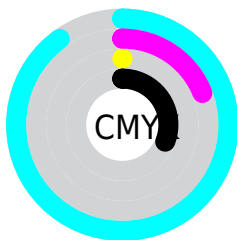
# Distribution



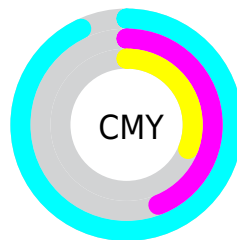
- Red (7%)
- Green (56%)
- Blue (69%)



- Red (7%)
- Yellow (34%)
- Blue (69%)



- Cyan (90%)
- Magenta (19%)
- Yellow (0%)
- Black (31%)



- Cyan (93%)
- Magenta (44%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 128EB0 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 128EB0 by changing the saturation by 10% instead.



128EB0

128EB0

FFFFFF

007495

61C4E8

005C7B

80E0FF

004462

9DFDFF

002D4A

BBFFFF

001B33

D9FFFF

00021E

F8FFFF

000000

128EB0

128EB0

008AB0

2492B0

 3596B0

 4799B0

 589DB0

 6AA1B0

 7CA5B0

 8DA9B0

 9FACB0

 B0B0B0

# Harmonies

## Analogous

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



009199



128E80



5087BA

# Triad

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



128EB0



B56D89



7D884F

# Complementary

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



128EB0



B03412

# 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.



997F4A



128EB0



B96E6D

# Square

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



128EB0



A273A4



AF7656



5C8E61

# Rectangle

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



128E80



7081B9



AF7656



87864B



# Sweetspot

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



128EB0



A8D8E6



12B032



4E6B73



F2F2F2



737373



# Same Dimension

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



128EB0



00B4E6



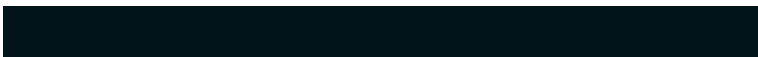
1241B0



505759



007899



00141A



# Inverse Universe

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



B0128E



E600B4



B08112



595057



990078



1A0014



# Previews

## White Background



This preview shows how the Hex color 128EB0 looks on a white background.

## Color Contrast Check

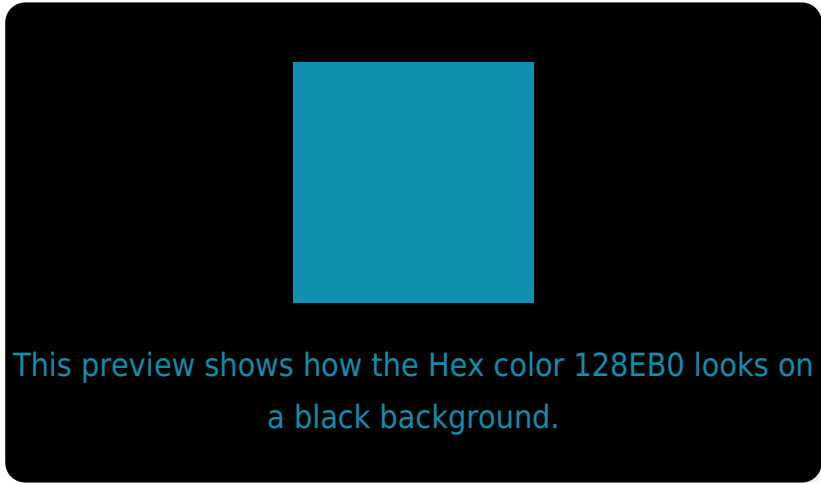
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

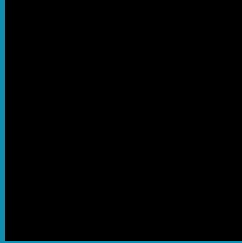
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 128EB0 Background



This preview shows how black text looks on a background with the Hex color 128EB0.

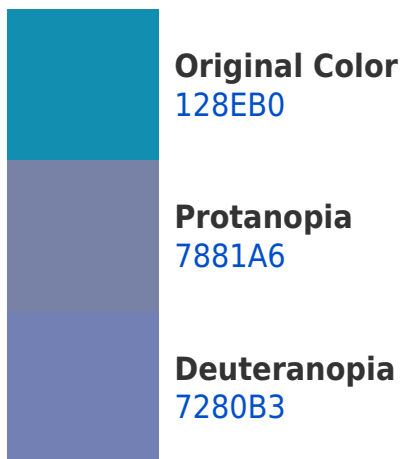


This preview shows how white text looks on a background with the Hex color 128EB0.

# 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](#).

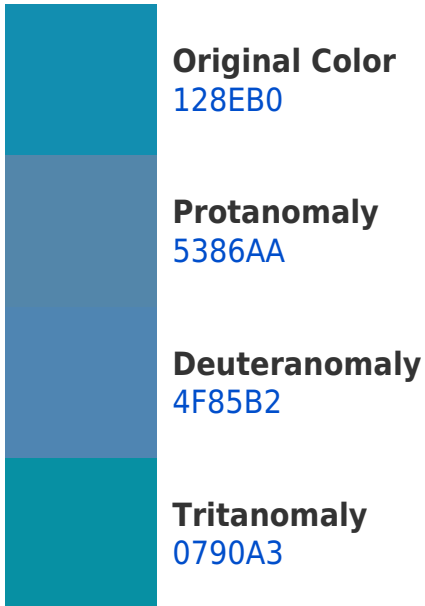
## Dichromacy





**Tritanopia**  
00919C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 128EB0 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 #128EB0 looks like.

```
.text, #text, p{  
    color:#128EB0  
}
```

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 #128EB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #128EB0
}
```

## Border

The CSS property to change the border of an element to Hex 128EB0 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
#128EB0 }
```

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

```
.border{ border-color:#128EB0 }
```

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

Here you see how a box with a 4 pixel #128EB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #128EB0; -webkit-box-shadow:4px 4px  
4px 4px #128EB0; box-shadow:4px 4px 4px  
4px #128EB0 }
```

# Background

The CSS property to change the background color of an element to Hex 128EB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#128EB0 }
```

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

```
.background{ background-color:#128EB0 }
```

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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