

# Converting Colors

Hex(1E8BE1)

Have a look what the booklet for  
Hex(1E8BE1) contains.

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# Color

**Hex(1E8BE1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1E8BE1
RGB	30, 139, 225
RGB Percent	12%, 55%, 88%
CMY	0.8824, 0.4549, 0.1176
CMYK	0.87, 0.38, 0.00, 0.12
HSL	206°, 76%, 50%
HSV	206°, 87%, 88%
XYZ	23.3586, 24.1775, 74.6698
YIQ	116.2130, -92.5700, 3.6380

# Conversions

## Conversions Part 2

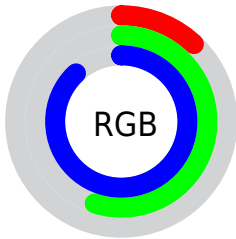
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 100, 225
Decimal	2001889
CIE <sub>Lab</sub>	56.27, 1.70, -51.78
CIE <sub>LCh</sub>	56, 51.803, 271.882
Yxy	24.1775, 0.1911, 0.1978
Android (android.graphics.Color)	4280191969 (0xFF1E8BE1)
YUV	116.2130, 53.6320, -75.6088
Hunter-Lab	49.1706, -1.2516, -55.6175

# Details

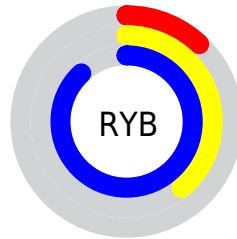
The Hex color **1E8BE1** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **E1741E**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **6FC0FF**, and **005AA9** is the 20% darker color. If you saturate the color by 10%, you get **0881E1**, and if you desaturate by 10%, it is **3595E1**.

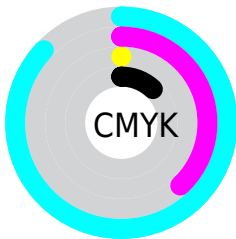
# Distribution



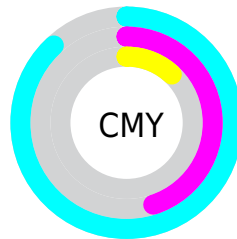
- Red (12%)
- Green (55%)
- Blue (88%)



- Red (12%)
- Yellow (39%)
- Blue (88%)



- Cyan (87%)
- Magenta (38%)
- Yellow (0%)
- Black (12%)



- Cyan (88%)
- Magenta (45%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E8BE1 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 1E8BE1 by changing the saturation by 10% instead.



 1E8BE1

 1E8BE1

FFFFFF

 0072C5

 6FC0FF

 005AA9

 8FDCFF

 00438E

 AFF8FF

 002E74

 CDFFFF

 001A5B

 ECFFFF

 000743

 00032C

 000116

 000000

■ 1E8BE1

■ 1E8BE1

■ 0881E1

■ 3595E1

■ 007EE1

■ 4B9FE1

■ 62A9E1

■ 78B3E1

■ 8FBDE1

■ A5C7E1

■ BCD0E1

■ D2DAE1

■ E9E4E1

# Harmonies

## Analogous

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



0096D6



1E8BE1



8C7AD4

# Triad

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



1E8BE1



D6645A



2A9A5A

# Complementary

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



1E8BE1



E1741E

# 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.



6F9235



1E8BE1



C07536

# Square

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



1E8BE1



D85E86



9C8625



009D88

# Rectangle

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



1E8BE1



B26DBF



9C8625



47984D

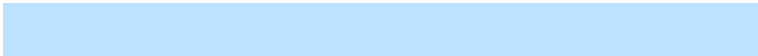


# Sweetspot

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



1E8BE1



BDE2FF



1EE173



586E80



000000



808080



# Same Dimension

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



1E8BE1



008FFF



1E2BE1



656B70



0062B0



001B30



# Inverse Universe

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



E11E8B



FF008F



E1D41E



70656B



B00062



30001B



# Previews

## White Background



This preview shows how the Hex color 1E8BE1 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



This preview shows how the Hex color 1E8BE1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

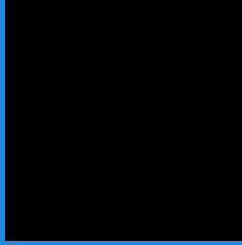
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

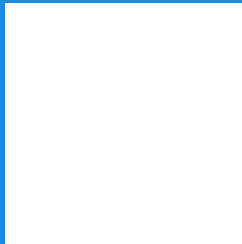
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1E8BE1 Background



This preview shows how black text looks on a background with the Hex color 1E8BE1.

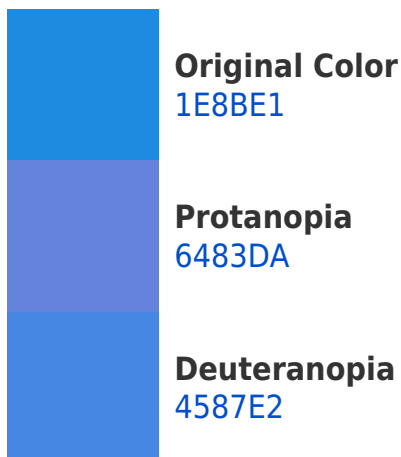


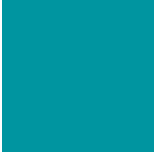
This preview shows how white text looks on a background with the Hex color 1E8BE1.

# 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



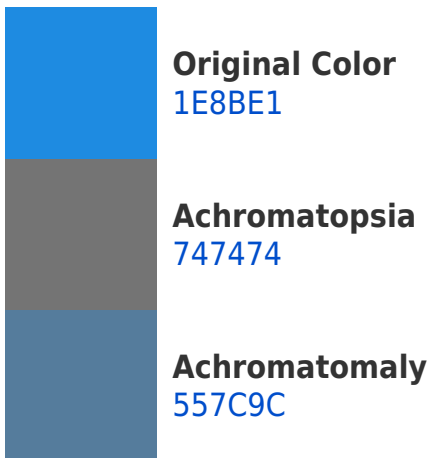


**Tritanopia**  
0095A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E8BE1 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 #1E8BE1 looks like.

```
.text, #text, p{  
    color:#1E8BE1  
}
```

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 #1E8BE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E8BE1  
}
```

## Border

The CSS property to change the border of an element to Hex 1E8BE1 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  
#1E8BE1 }
```

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

```
.border{ border-color:#1E8BE1 }
```

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

Here you see how a box with a 4 pixel #1E8BE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E8BE1; -webkit-box-shadow:4px 4px  
4px 4px #1E8BE1; box-shadow:4px 4px 4px  
4px #1E8BE1 }
```

# Background

The CSS property to change the background color of an element to Hex 1E8BE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E8BE1 }
```

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

```
.background{ background-color:#1E8BE1 }
```

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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