

Converting Colors

Hex(1880E1)

Have a look what the booklet for
Hex(1880E1) contains.

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Color

Hex(1880E1)

Conversions

Conversions Part 1

Format	Color
Hex	1880E1
RGB	24, 128, 225
RGB Percent	9%, 50%, 88%
CMY	0.9059, 0.4980, 0.1176
CMYK	0.89, 0.43, 0.00, 0.12
HSL	209°, 81%, 49%
HSV	209°, 89%, 88%
XYZ	21.6865, 21.0688, 74.1578
YIQ	107.9620, -93.1210, 8.1190

Conversions

Conversions Part 2

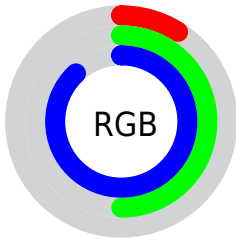
Format	Color
R _Y B	24, 93, 225
Decimal	1605857
CIE Lab	53.02, 8.01, -56.96
CIE LCh	53, 57.518, 278.005
Yxy	21.0688, 0.1855, 0.1802
Android (android.graphics.Color)	4279795937 (0xFF1880E1)
YUV	107.9620, 57.6997, -73.6347
Hunter-Lab	45.9007, 4.0086, -63.6592

Details

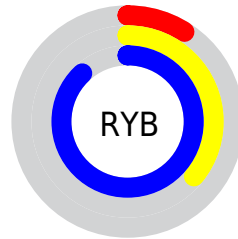
The Hex color **1880E1** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **E17918**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **6DB4FF**, and **0050A9** is the 20% darker color. If you saturate the color by 10%, you get **0275E1**, and if you desaturate by 10%, it is **2F8BE1**.

Distribution



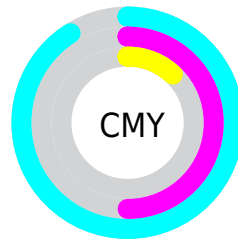
- Red (9%)
- Green (50%)
- Blue (88%)



- Red (9%)
- Yellow (36%)
- Blue (88%)



- Cyan (89%)
- Magenta (43%)
- Yellow (0%)
- Black (12%)



- Cyan (91%)
- Magenta (50%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1880E1 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 1880E1 by changing the saturation by 10% instead.

 1880E1

 1880E1

FFFFFF

 0067C5

 6DB4FF

 0050A9

 8ED0FF

 003A8E

 ADECFF

 002574

 CCFFFF

 00105B

 EBFFFF

 000742

 00032B

 000115

 000000

■ 1880E1

■ 1880E1

■ 0275E1

■ 2F8BE1

■ 0074E1

■ 4596E1

■ 5CA1E1

■ 72ABE1

■ 89B6E1

■ 9FC1E1

■ B6CCE1

■ CCD7E1

■ E3E2E1

Harmonies

Analogous

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



008EDA



1880E1



916BCD

Triad

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



1880E1



D05A44



009357

Complementary

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



1880E1



E17918

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.



568D29



1880E1



B46F1C

Square

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



1880E1



D74D73



8B8105



00968B

Rectangle

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



1880E1



B75CB4



8B8105



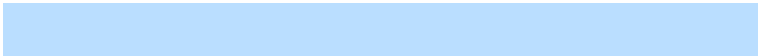
169247

Sweetspot

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



1880E1



BADEFF



18E176



576C80



000000



808080

Same Dimension

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



1880E1



0084FF



181FE1



656B70



005BB0



001930

Inverse Universe

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



E11880



FF0084



E1DA18



70656B



B0005B



300019

Previews

White Background



This preview shows how the Hex color 1880E1 looks on a white background.

Color Contrast Check

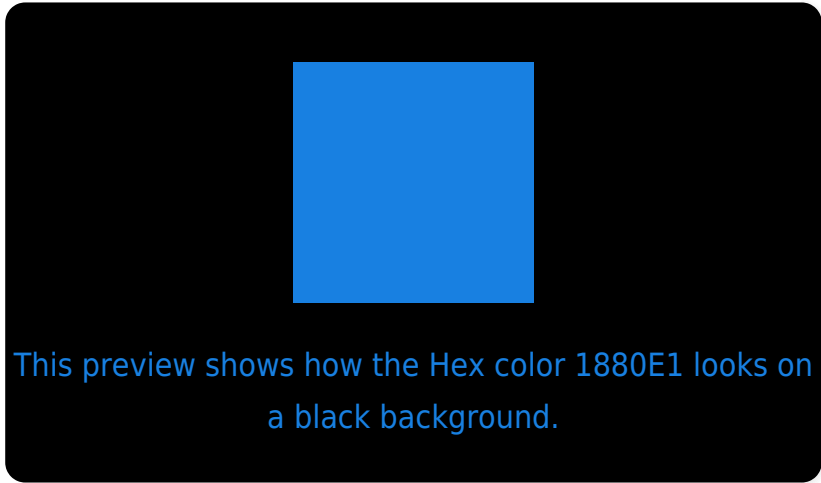
Large Text (above 18pt) WCAG AA ✓ Pass

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

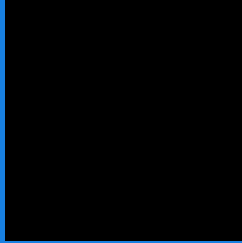
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

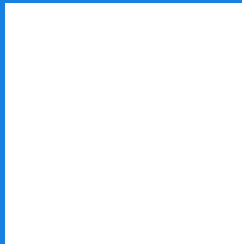
Any Text WCAG AAA × Fail

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

Hex 1880E1 Background



This preview shows how black text looks on a background with the Hex color 1880E1.



This preview shows how white text looks on a background with the Hex color 1880E1.

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](#).

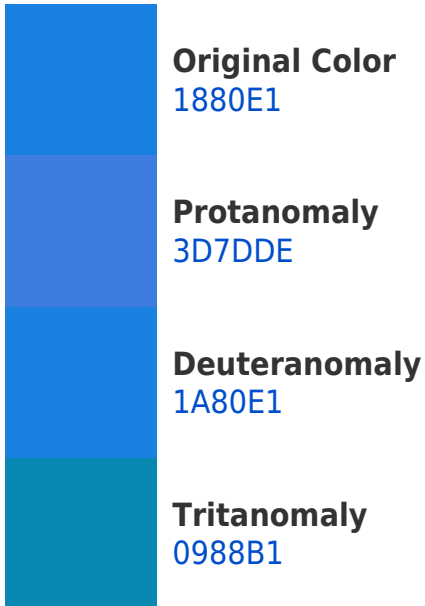
Dichromacy



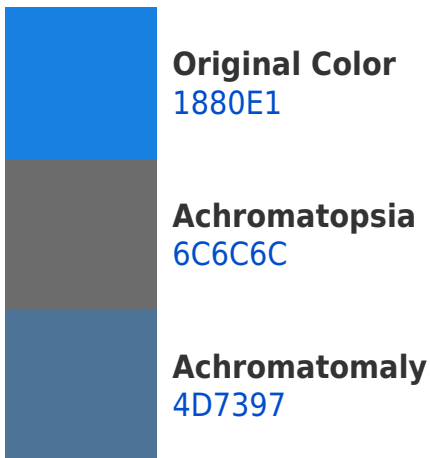


Tritanopia
008C95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1880E1 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 #1880E1 looks like.

```
.text, #text, p{  
    color:#1880E1  
}
```

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 #1880E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1880E1
}
```

Border

The CSS property to change the border of an element to Hex 1880E1 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
#1880E1 }
```

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

```
.border{ border-color:#1880E1 }
```

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

Here you see how a box with a 4 pixel #1880E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1880E1; -webkit-box-shadow:4px 4px  
4px 4px #1880E1; box-shadow:4px 4px 4px  
4px #1880E1 }
```

Background

The CSS property to change the background color of an element to Hex 1880E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1880E1 }
```

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

```
.background{ background-color:#1880E1 }
```

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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