

# Converting Colors

Hex(1864E7)

Have a look what the booklet for  
Hex(1864E7) contains.

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# Color

**Hex(1864E7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1864E7
RGB	24, 100, 231
RGB Percent	9%, 39%, 91%
CMY	0.9059, 0.6078, 0.0941
CMYK	0.90, 0.57, 0.00, 0.09
HSL	218°, 81%, 50%
HSV	218°, 90%, 91%
XYZ	19.3577, 15.0781, 77.4914
YIQ	92.2100, -87.3470, 24.6290

# Conversions

## Conversions Part 2

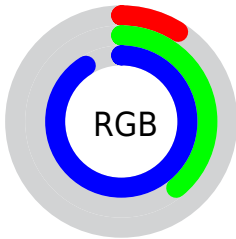
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 80, 231
Decimal	1598695
CIE <sub>Lab</sub>	45.74, 28.05, -72.11
CIE <sub>LCh</sub>	46, 77.378, 291.256
Yxy	15.0781, 0.1729, 0.1347
Android (android.graphics.Color)	4279788775 (0xFF1864E7)
YUV	92.2100, 68.4235, -59.8202
Hunter-Lab	38.8305, 21.0320, -91.1398

# Details

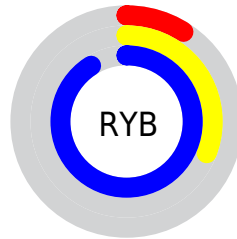
The Hex color **1864E7** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **E79B18**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7096FF**, and **0037AE** is the 20% darker color. If you saturate the color by 10%, you get **0155E7**, and if you desaturate by 10%, it is **2F73E7**.

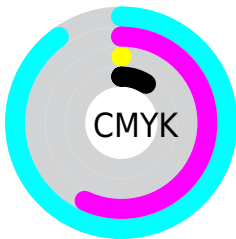
# Distribution



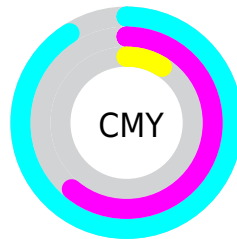
- Red (9%)
- Green (39%)
- Blue (91%)



- Red (9%)
- Yellow (31%)
- Blue (91%)



- Cyan (90%)
- Magenta (57%)
- Yellow (0%)
- Black (9%)



- Cyan (91%)
- Magenta (61%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1864E7 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 1864E7 by changing the saturation by 10% instead.



 1864E7

FFFFFF

 7096FF

 91B1FF

 B0CCFF

 D0E8FF

 EFFFFFF

 1864E7

 004DCA


 0037AE

 002393

 001278

 00075F

 000846

 00042F

 000119

 000000

■ 1864E7

■ 1864E7

■ 0155E7

■ 2F73E7

■ 0055E7

■ 4681E7

■ 5D90E7

■ 749EE7

■ 8CADE7

■ A3BCE7

■ BACAE7

■ D1D9E7

■ E8E8E7

# Harmonies

## Analogous

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



007AEE



1864E7



A43EBF

# Triad

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



1864E7



C04200



008657

# Complementary

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



1864E7



E79B18

# 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.



008103



1864E7



946300

# Square

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



1864E7



D80242



587700



00879A

# Rectangle

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



1864E7



C81597



587700



00853F



# Sweetspot

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



1864E7



BAD3FF



18E798



576680



000000



808080



# Same Dimension

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



1864E7



005EFF



3018E7



676B73



0042B3



001333



# Inverse Universe

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



E71864



FF005E



CFE718



73676B



B30042



330013



# Previews

## White Background



This preview shows how the Hex color 1864E7 looks on a white background.

## Color Contrast Check

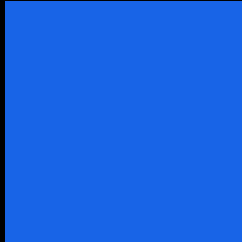
Large Text (above 18pt) WCAG AA ✓ Pass

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 1864E7 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

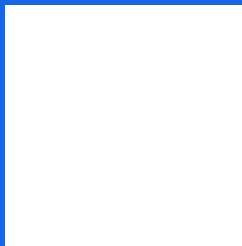
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1864E7 Background



This preview shows how black text looks on a background with the Hex color 1864E7.



This preview shows how white text looks on a background with the Hex color 1864E7.

# 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**  
00787F

# Trichromacy



**Original Color**  
1864E7

**Protanomaly**  
0967E0

**Deuteranomaly**  
096ACC

**Tritanomaly**  
0971A5

# Monochromacy



**Original Color**  
1864E7

**Achromatopsia**  
5C5C5C

**Achromatomaly**  
435F8F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1864E7 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 #1864E7 looks like.

```
.text, #text, p{  
    color:#1864E7  
}
```

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 #1864E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1864E7
}
```

## Border

The CSS property to change the border of an element to Hex 1864E7 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
#1864E7 }
```

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

```
.border{ border-color:#1864E7 }
```

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

Here you see how a box with a 4 pixel #1864E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1864E7; -webkit-box-shadow:4px 4px  
4px 4px #1864E7; box-shadow:4px 4px 4px  
4px #1864E7 }
```

# Background

The CSS property to change the background color of an element to Hex 1864E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1864E7 }
```

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

```
.background{ background-color:#1864E7 }
```

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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