

# Converting Colors

Hex(1850E2)

Have a look what the booklet for  
Hex(1850E2) contains.

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# Color

**Hex(1850E2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1850E2
RGB	24, 80, 226
RGB Percent	9%, 31%, 89%
CMY	0.9059, 0.6863, 0.1137
CMYK	0.89, 0.65, 0.00, 0.11
HSL	223°, 81%, 49%
HSV	223°, 89%, 89%
XYZ	16.9728, 11.4225, 73.2617
YIQ	79.9000, -80.2420, 33.5340

# Conversions

## Conversions Part 2

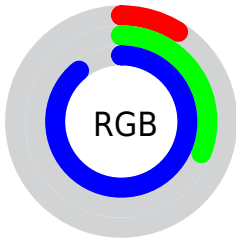
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 68, 226
Decimal	1593570
CIE <sub>Lab</sub>	40.28, 38.96, -78.21
CIE <sub>LCh</sub>	40, 87.382, 296.480
Yxy	11.4225, 0.1670, 0.1124
Android (android.graphics.Color)	4279783650 (0xFF1850E2)
<b>YUV</b>	79.9000, 72.0273, -49.0243
Hunter-Lab	33.7972, 30.4969, -104.8641

# Details

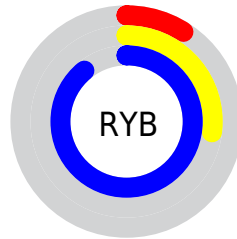
The Hex color **1850E2** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **E2AA18**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **7081FF**, and **0025A9** is the 20% darker color. If you saturate the color by 10%, you get **0140E2**, and if you desaturate by 10%, it is **2F60E2**.

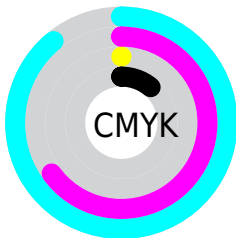
# Distribution



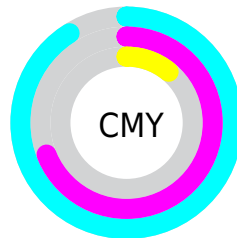
- Red (9%)
- Green (31%)
- Blue (89%)



- Red (9%)
- Yellow (27%)
- Blue (89%)



- Cyan (89%)
- Magenta (65%)
- Yellow (0%)
- Black (11%)



- Cyan (91%)
- Magenta (69%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1850E2 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 1850E2 by changing the saturation by 10% instead.



 1850E2

 1850E2

FFFFFF

 0039C5

 7081FF

 0025A9

 919BFF

 00138E

 B1B6FF

 000074

 D0D1FF

 000D5A

 EFEDFF

 000741

 00032A

 000114

 000000

■ 1850E2

■ 1850E2

■ 0140E2

■ 2F60E2

■ 003FE2

■ 4571E2

■ 5C81E2

■ 7291E2

■ 89A2E2

■ A0B2E2

■ B6C2E2

■ CDD3E2

■ E3E3E2

# Harmonies

## Analogous

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



006CF1



1850E2



A801AF

# Triad

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



1850E2



AF3300



007954

# Complementary

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



1850E2



E2AA18

# 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.



007500



1850E2



7C5A00

# Square

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



1850E2



CF0025



326D00



007A9E

# Rectangle

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



1850E2



C80082



326D00



00783B



# Sweetspot

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



1850E2



BACDFF



18E2A9



576280



000000



808080



# Same Dimension

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



1850E2



0047FF



4418E2



656870



0031B0



000D30



# Inverse Universe

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



E21850



FF0047



B6E218



706568



B00031



30000D



# Previews

## White Background



This preview shows how the Hex color 1850E2 looks on a white background.

## Color Contrast Check

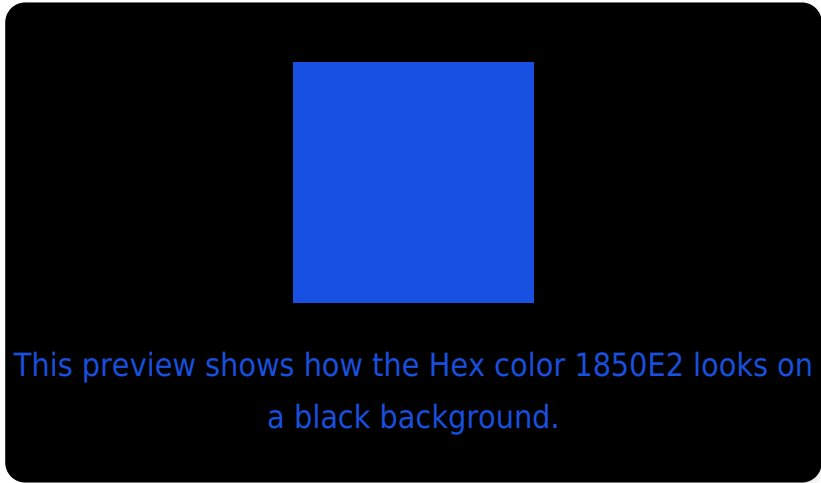
Large Text (above 18pt) WCAG AA ✓ Pass

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

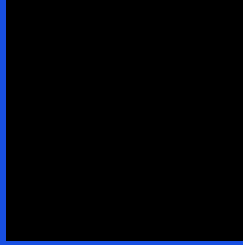
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1850E2 Background



This preview shows how black text looks on a background with the Hex color 1850E2.



This preview shows how white text looks on a background with the Hex color 1850E2.

# 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](#).

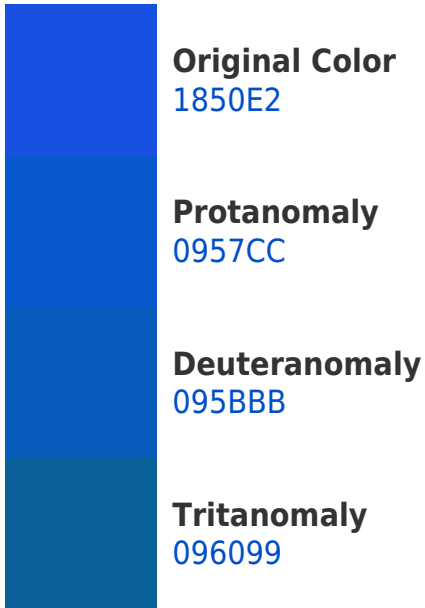
## Dichromacy





**Tritanopia**  
00696F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1850E2 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 #1850E2 looks like.

```
.text, #text, p{  
    color:#1850E2  
}
```

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 #1850E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1850E2
}
```

## Border

The CSS property to change the border of an element to Hex 1850E2 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
#1850E2 }
```

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

```
.border{ border-color:#1850E2 }
```

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

Here you see how a box with a 4 pixel #1850E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1850E2; -webkit-box-shadow:4px 4px  
4px 4px #1850E2; box-shadow:4px 4px 4px  
4px #1850E2 }
```

# Background

The CSS property to change the background color of an element to Hex 1850E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1850E2 }
```

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

```
.background{ background-color:#1850E2 }
```

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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