

# Converting Colors

Hex(1843DE)

Have a look what the booklet for  
Hex(1843DE) contains.

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# Color

**Hex(1843DE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1843DE
RGB	24, 67, 222
RGB Percent	9%, 26%, 87%
CMY	0.9059, 0.7373, 0.1294
CMYK	0.89, 0.70, 0.00, 0.13
HSL	227°, 80%, 48%
HSV	227°, 89%, 87%
XYZ	15.5687, 9.4824, 70.1170
YIQ	71.8130, -75.3830, 39.0890

# Conversions

## Conversions Part 2

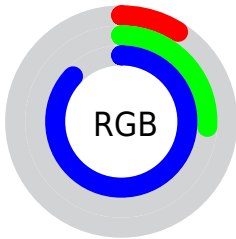
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	24, 59, 222
Decimal	1590238
CIE Lab	36.90, 45.57, -81.51
CIE LCh	37, 93.382, 299.208
Yxy	9.4824, 0.1636, 0.0996
Android (android.graphics.Color)	4279780318 (0xFF1843DE)
YUV	71.8130, 74.0422, -41.9320
Hunter-Lab	30.7935, 36.3577, -113.4480

# Details

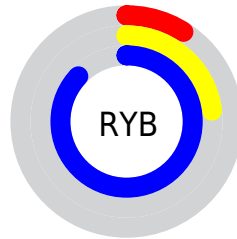
The Hex color **1843DE** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **DEB318**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7073FF**, and **0018A5** is the 20% darker color. If you saturate the color by 10%, you get **0232DE**, and if you desaturate by 10%, it is **2E54DE**.

# Distribution



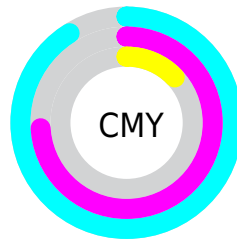
- Red (9%)
- Green (26%)
- Blue (87%)



- Red (9%)
- Yellow (23%)
- Blue (87%)



- Cyan (89%)
- Magenta (70%)
- Yellow (0%)
- Black (13%)



- Cyan (91%)
- Magenta (74%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1843DE 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 1843DE by changing the saturation by 10% instead.



 1843DE

 1843DE

FFFFFF

 002DC1

 7073FF

 0018A5

 918DFF

 00078A

 B1A8FF

 000070

 D0C3FF

 000C56

 F0DFFF

 00063E

 FFFCFF

 000327

 000110

 000000

■ 1843DE

■ 1843DE

■ 0232DE

■ 2E54DE

■ 0030DE

■ 4466DE

■ 5B77DE

■ 7189DE

■ 879ADE

■ 9DABDE

■ B3BDDE

■ CACEDE

■ E0DFDE

# Harmonies

## Analogous

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



0064F2



1843DE



A800A6

# Triad

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



1843DE



A42A00



007153

# Complementary

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



1843DE



DEB318

# 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.



006E00



1843DE



6C5400

# Square

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



1843DE



C80014



0D6600



0072A0

# Rectangle

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



1843DE



C70075



0D6600



007038



# Sweetspot

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



1843DE



BAC9FF



18DEB0



576080



000000



808080



# Same Dimension

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



1843DE



0037FF



4D18DE



656770



0026B0



000B30



# Inverse Universe

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



DE1843



FF0037



A9DE18



706567



B00026

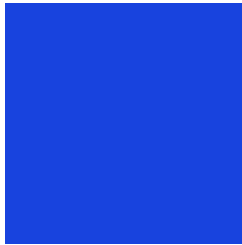


30000B



# Previews

## White Background



This preview shows how the Hex color 1843DE looks on a white background.

## Color Contrast Check

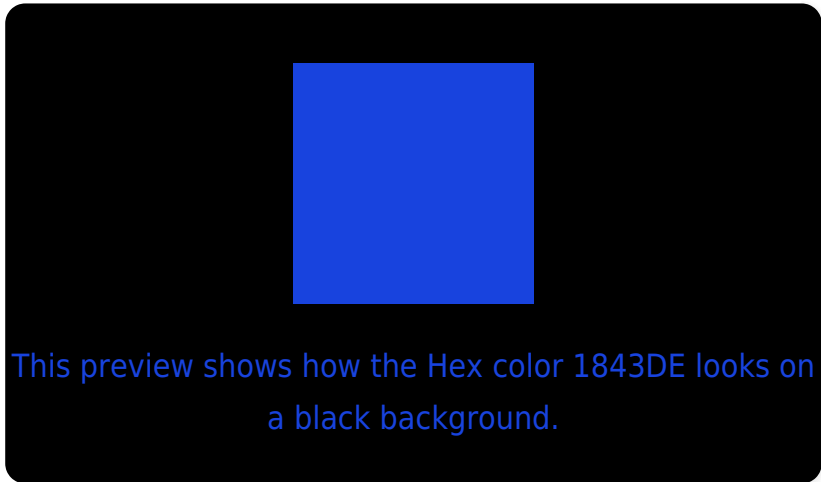
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

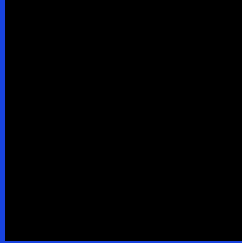
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1843DE Background



This preview shows how black text looks on a background with the Hex color 1843DE.



This preview shows how white text looks on a background with the Hex color 1843DE.

# 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



**Original Color**  
1843DE

**Protanopia**  
0053AF

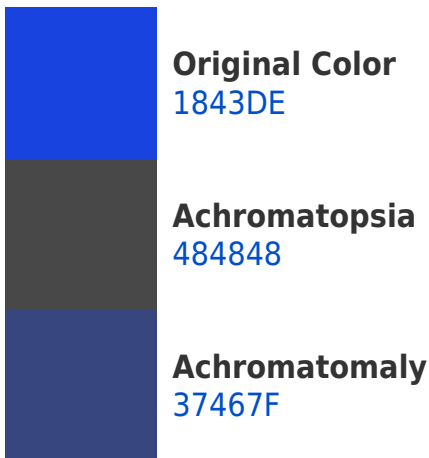
**Deuteranopia**  
005995



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1843DE 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 #1843DE looks like.

```
.text, #text, p{  
    color:#1843DE  
}
```

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 #1843DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1843DE
}
```

## Border

The CSS property to change the border of an element to Hex 1843DE is called "border". The border property can be set on classes, ids or directly on the HTML element.

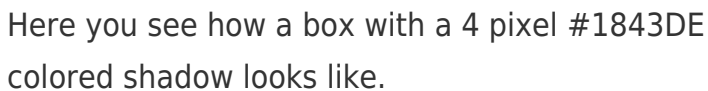
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1843DE }
```

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

```
.border{ border-color:#1843DE }
```

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



Here you see how a box with a 4 pixel #1843DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1843DE; -webkit-box-shadow:4px 4px  
4px 4px #1843DE; box-shadow:4px 4px 4px  
4px #1843DE }
```

# Background

The CSS property to change the background color of an element to Hex 1843DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1843DE }
```

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

```
.background{ background-color:#1843DE }
```

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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