

# Converting Colors

Hex(167DE4)

Have a look what the booklet for  
Hex(167DE4) contains.

<b>Hex(167DE4)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(167DE4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	167DE4
RGB	22, 125, 228
RGB Percent	9%, 49%, 89%
CMY	0.9137, 0.5098, 0.1059
CMYK	0.90, 0.45, 0.00, 0.11
HSL	210°, 82%, 49%
HSV	210°, 90%, 89%
XYZ	21.6681, 20.4392, 76.2019
YIQ	105.9450, -94.4510, 10.1970

# Conversions

## Conversions Part 2

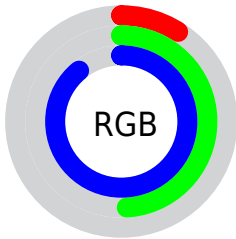
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	22, 91, 228
Decimal	1474020
CIE <sub>Lab</sub>	52.33, 10.92, -59.76
CIE <sub>LCh</sub>	52, 60.746, 280.353
Yxy	20.4392, 0.1831, 0.1728
Android (android.graphics.Color)	4279664100 (0xFF167DE4)
YUV	105.9450, 60.1731, -73.6198
Hunter-Lab	45.2098, 6.4341, -68.2876

# Details

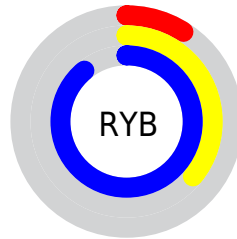
The Hex color **167DE4** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **E47D16**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **6EB1FF**, and **004DAC** is the 20% darker color. If you saturate the color by 10%, you get **0072E4**, and if you desaturate by 10%, it is **2D88E4**.

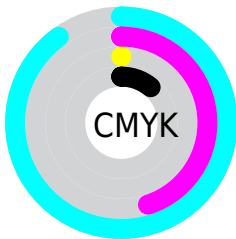
# Distribution



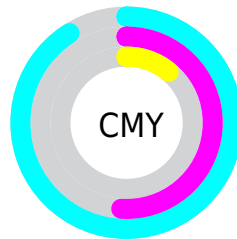
- Red (9%)
- Green (49%)
- Blue (89%)



- Red (9%)
- Yellow (36%)
- Blue (89%)



- Cyan (90%)
- Magenta (45%)
- Yellow (0%)
- Black (11%)



- Cyan (91%)
- Magenta (51%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 167DE4 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 167DE4 by changing the saturation by 10% instead.



 167DE4

 167DE4

FFFFFF

 0064C8

 6EB1FF

 004DAC

 8ECCFF

 003791

 ADE8FF

 002376

 CCFFFF

 000D5D

 ECFFFF

 000844

 00032D

 000118

 000000

■ 167DE4

■ 167DE4

■ 0072E4

■ 2D88E4

■ 4494E4

■ 5A9FE4

■ 71ABE4

■ 88B6E4

■ 9FC1E4

■ B6CDE4

■ CCD8E4

■ E3E4E4

# Harmonies

## Analogous

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



008CDF



167DE4



9666CD

# Triad

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



167DE4



D0573C



009358

# Complementary

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



167DE4



E47D16

# 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.



4B8C24



167DE4



B16E0C

# Square

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



167DE4



DA476D



858000



00958E

# Rectangle

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



167DE4



BB56B1



858000



009146

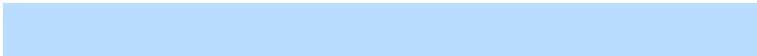


# Sweetspot

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



167DE4



BADDFE



16E47D



576B80



000000



808080



# Same Dimension

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



167DE4



0080FF



1616E4



676D73



0059B3



001A33



# Inverse Universe

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



E4167D



FF0080



E4E416



73676D



B30059



33001A



# Previews

## White Background



This preview shows how the Hex color 167DE4 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 167DE4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

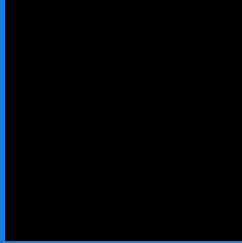
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

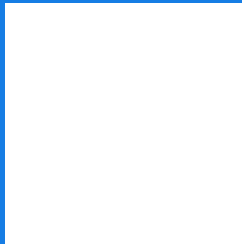
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 167DE4 Background



This preview shows how black text looks on a background with the Hex color 167DE4.

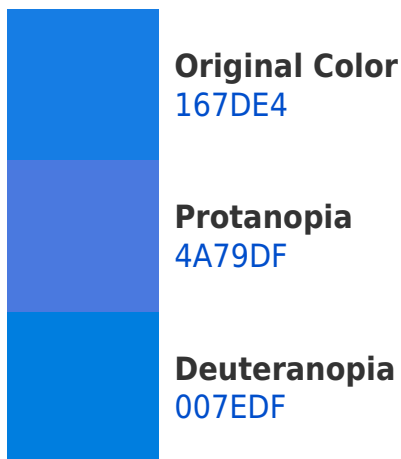


This preview shows how white text looks on a background with the Hex color 167DE4.

# 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



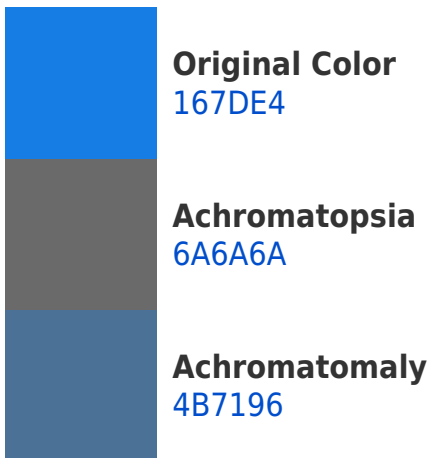


**Tritanopia**  
008A93

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 167DE4 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 #167DE4 looks like.

```
.text, #text, p{  
    color:#167DE4  
}
```

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 #167DE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #167DE4
}
```

## Border

The CSS property to change the border of an element to Hex 167DE4 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
#167DE4 }
```

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

```
.border{ border-color:#167DE4 }
```

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

Here you see how a box with a 4 pixel #167DE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #167DE4; -webkit-box-shadow:4px 4px  
4px 4px #167DE4; box-shadow:4px 4px 4px  
4px #167DE4 }
```

# Background

The CSS property to change the background color of an element to Hex 167DE4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#167DE4 }
```

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

```
.background{ background-color:#167DE4 }
```

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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