

# Converting Colors

Hex(1264ED)

Have a look what the booklet for  
Hex(1264ED) contains.

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# Color

Hex(1264ED)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1264ED
RGB	18, 100, 237
RGB Percent	7%, 39%, 93%
CMY	0.9294, 0.6078, 0.0706
CMYK	0.92, 0.58, 0.00, 0.07
HSL	218°, 86%, 50%
HSV	218°, 92%, 93%
XYZ	20.0927, 15.3574, 82.0260
YIQ	91.1000, -92.8490, 25.2230

# Conversions

## Conversions Part 2

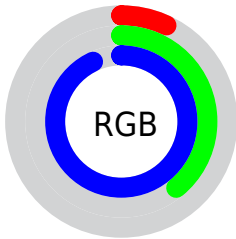
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 78, 237
Decimal	1205485
CIE <sub>Lab</sub>	46.12, 30.10, -74.88
CIE <sub>LCh</sub>	46, 80.700, 291.897
Yxy	15.3574, 0.1710, 0.1307
Android (android.graphics.Color)	4279395565 (0xFF1264ED)
YUV	91.1000, 71.9287, -64.1087
Hunter-Lab	39.1885, 22.9406, -96.6689

# Details

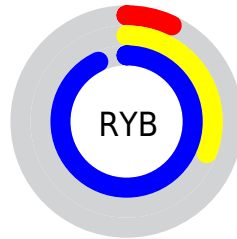
The Hex color **1264ED** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **ED9B12**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **7096FF**, and **0037B4** is the 20% darker color. If you saturate the color by 10%, you get **0059ED**, and if you desaturate by 10%, it is **2A73ED**.

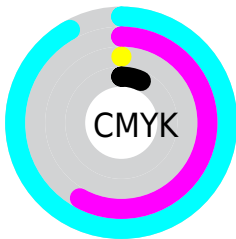
# Distribution



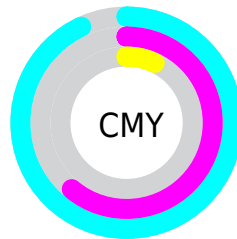
- Red (7%)
- Green (39%)
- Blue (93%)



- Red (7%)
- Yellow (31%)
- Blue (93%)



- Cyan (92%)
- Magenta (58%)
- Yellow (0%)
- Black (7%)




- Cyan (93%)
- Magenta (61%)
- Yellow (7%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 1264ED 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 1264ED by changing the saturation by 10% instead.



 1264ED

 1264ED

FFFFFF

 004DD0

 7096FF

 0037B4

 91B1FF

 002398

 B1CCFF

 00137E

 D1E8FF

 000664

 F0FFFF

 00094B

 000433

 00021D

 000000

■ 1264ED

■ 1264ED

■ 0059ED

■ 2A73ED

■ 4182ED

■ 5990ED

■ 719FED

■ 88AEED

■ A0BDED

■ B8CCED

■ D0DBED

■ E7E9ED

# Harmonies

## Analogous

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



007CF5



1264ED



A93AC2

# Triad

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



1264ED



C34100



008758

# Complementary

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



1264ED



ED9B12

# 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.



008300



1264ED



956400

# Square

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



1264ED



DD0040



567800



00899E

# Rectangle

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



1264ED



CE0099



567800



008640



# Sweetspot

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



1264ED



B8D2FF



12ED99



546480



000000



808080



# Same Dimension

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



1264ED



005FFF



2C12ED



6A6E75



0044B5



001436



# Inverse Universe

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



ED1264



FF005F



D3ED12



756A6E



B50044



360014



# Previews

## White Background



This preview shows how the Hex color 1264ED looks on a white background.

## Color Contrast Check

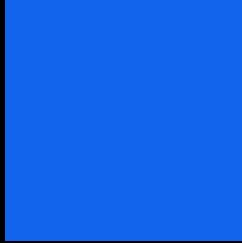
Large Text (above 18pt) WCAG AA ✓ Pass

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 1264ED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

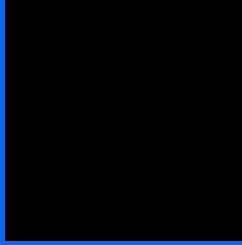
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

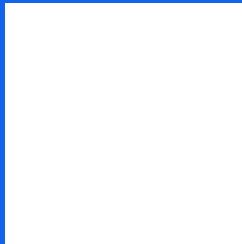
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 1264ED Background



This preview shows how black text looks on a background with the Hex color 1264ED.

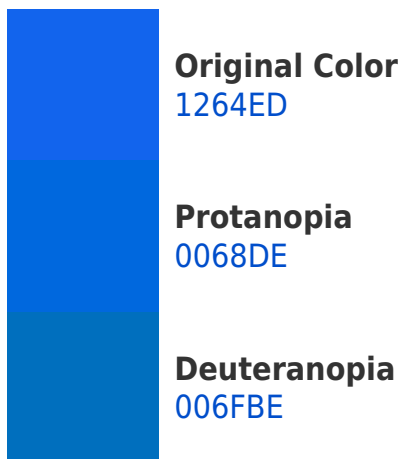


This preview shows how white text looks on a background with the Hex color 1264ED.

# Color Blindness Simulation

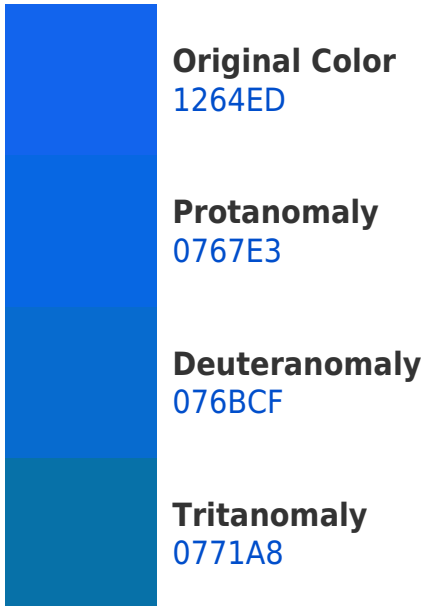
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

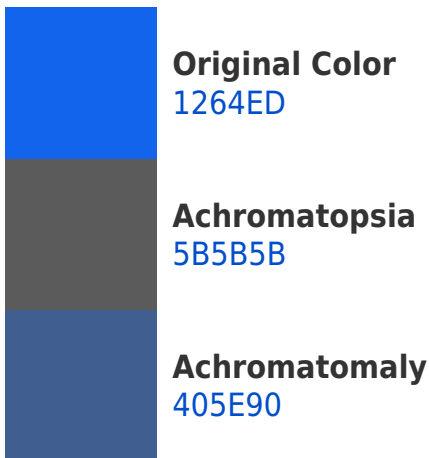




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1264ED 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 #1264ED looks like.

```
.text, #text, p{  
    color:#1264ED  
}
```

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 #1264ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1264ED
}
```

## Border

The CSS property to change the border of an element to Hex 1264ED 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
#1264ED }
```

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

```
.border{ border-color:#1264ED }
```

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

Here you see how a box with a 4 pixel #1264ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1264ED; -webkit-box-shadow:4px 4px  
4px 4px #1264ED; box-shadow:4px 4px 4px  
4px #1264ED }
```

# Background

The CSS property to change the background color of an element to Hex 1264ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1264ED }
```

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

```
.background{ background-color:#1264ED }
```

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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