

# Converting Colors

Hex(1441D7)

Have a look what the booklet for  
Hex(1441D7) contains.

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# Color

**Hex(1441D7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1441D7
RGB	20, 65, 215
RGB Percent	8%, 25%, 84%
CMY	0.9216, 0.7451, 0.1569
CMYK	0.91, 0.70, 0.00, 0.16
HSL	226°, 83%, 46%
HSV	226°, 91%, 84%
XYZ	14.4445, 8.8356, 65.2341
YIQ	68.6450, -74.9700, 37.1100

# Conversions

## Conversions Part 2

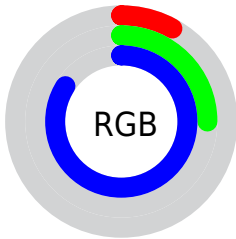
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 57, 215
Decimal	1327575
CIE <sub>Lab</sub>	35.67, 44.13, -79.53
CIE <sub>LCh</sub>	36, 90.947, 299.025
Yxy	8.8356, 0.1632, 0.0998
Android (android.graphics.Color)	4279517655 (0xFF1441D7)
YUV	68.6450, 72.1530, -42.6617
Hunter-Lab	29.7248, 34.7224, -109.3108

# Details

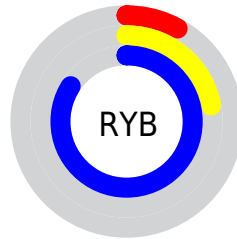
The Hex color **1441D7** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **D7AA14**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6D71FF**, and **00179F** is the 20% darker color. If you saturate the color by 10%, you get **0032D7**, and if you desaturate by 10%, it is **2A52D7**.

# Distribution



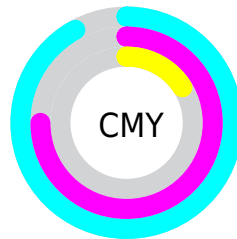
- Red (8%)
- Green (25%)
- Blue (84%)



- Red (8%)
- Yellow (22%)
- Blue (84%)



- Cyan (91%)
- Magenta (70%)
- Yellow (0%)
- Black (16%)



- Cyan (92%)
- Magenta (75%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1441D7 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 1441D7 by changing the saturation by 10% instead.



 1441D7

 1441D7

FFFFFF

 002BBB


 6D71FF

 00179F

 8E8BFF

 000584

 ADA5FF

 000069

 CDC0FF

 000A50

 ECDCFF

 000538

 FFF9FF

 000222

 000008

 000000

■ 1441D7

■ 1441D7

■ 0032D7

■ 2A52D7

■ 3F62D7

■ 5573D7

■ 6A83D7

■ 7F94D7

■ 95A4D7

■ ABB5D7

■ C0C5D7

■ D6D6D7

# Harmonies

## Analogous

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



0061EA



1441D7



A200A1

# Triad

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



1441D7



9F2800



006D50

# Complementary

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



1441D7



D7AA14

# 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.



006A00



1441D7



695100

# Square

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



1441D7



C20013



0E6300



006F9A

# Rectangle

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



1441D7



C10072



0E6300



006C35



# Sweetspot

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



1441D7



BACAFF



14D7AA



576080



000000



808080



# Same Dimension

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



1441D7



003BFF



4814D7



60636B



0027AB



000A2B



# Inverse Universe

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



D71441



FF003B



A3D714



6B6063



AB0027

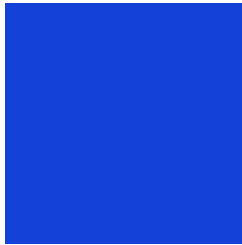


2B000A



# Previews

## White Background



This preview shows how the Hex color 1441D7 looks on a white background.

## Color Contrast Check

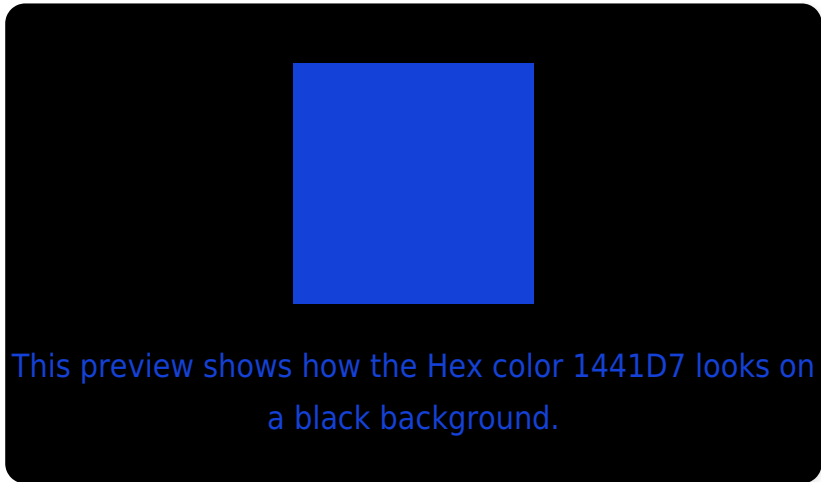
Large Text (above 18pt) WCAG AA ✓ Pass

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

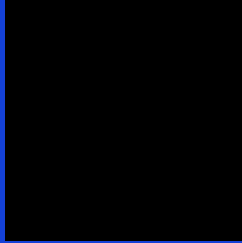
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1441D7 Background



This preview shows how black text looks on a background with the Hex color 1441D7.

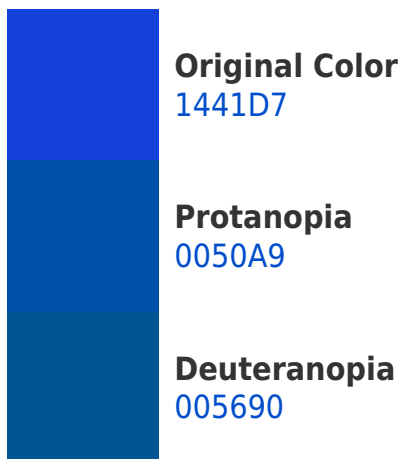


This preview shows how white text looks on a background with the Hex color 1441D7.

# 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**  
005D62

# Trichromacy



**Original Color**  
1441D7

**Protanomaly**  
074BBA

**Deuteranomaly**  
074EAA

**Tritanomaly**  
07538D

# Monochromacy



**Original Color**  
1441D7

**Achromatopsia**  
454545

**Achromatomaly**  
33447A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1441D7 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 #1441D7 looks like.

```
.text, #text, p{  
  color:#1441D7  
}
```

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 #1441D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1441D7
}
```

## Border

The CSS property to change the border of an element to Hex 1441D7 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
#1441D7 }
```

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

```
.border{ border-color:#1441D7 }
```

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

Here you see how a box with a 4 pixel #1441D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1441D7; -webkit-box-shadow:4px 4px  
4px 4px #1441D7; box-shadow:4px 4px 4px  
4px #1441D7 }
```

# Background

The CSS property to change the background color of an element to Hex 1441D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1441D7 }
```

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

```
.background{ background-color:#1441D7 }
```

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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