

# Converting Colors

Hex(1445BD)

Have a look what the booklet for  
Hex(1445BD) contains.

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# Color

**Hex(1445BD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1445BD
RGB	20, 69, 189
RGB Percent	8%, 27%, 74%
CMY	0.9216, 0.7294, 0.2588
CMYK	0.89, 0.63, 0.00, 0.26
HSL	223°, 81%, 41%
HSV	223°, 89%, 74%
XYZ	11.6019, 8.0791, 49.0920
YIQ	68.0290, -67.7240, 26.9320

# Conversions

## Conversions Part 2

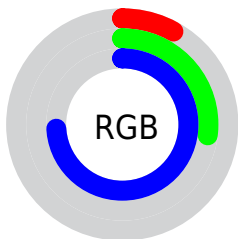
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 58, 189
Decimal	1328573
CIE <sub>Lab</sub>	34.15, 31.88, -66.90
CIE <sub>LCh</sub>	34, 74.106, 295.477
Yxy	8.0791, 0.1687, 0.1175
Android (android.graphics.Color)	4279518653 (0xFF1445BD)
YUV	68.0290, 59.6387, -42.1214
Hunter-Lab	28.4237, 23.1181, -82.5061

# Details

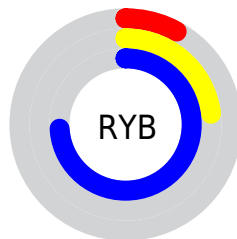
The Hex color **1445BD** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **BD8C14**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6575F6**, and **001B86** is the 20% darker color. If you saturate the color by 10%, you get **0138BD**, and if you desaturate by 10%, it is **2752BD**.

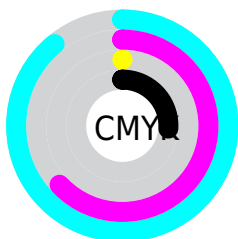
# Distribution



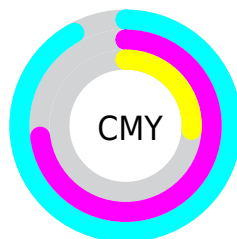
- Red (8%)
- Green (27%)
- Blue (74%)



- Red (8%)
- Yellow (23%)
- Blue (74%)



- Cyan (89%)
- Magenta (63%)
- Yellow (0%)
- Black (26%)



- Cyan (92%)
- Magenta (73%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1445BD 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 1445BD by changing the saturation by 10% instead.



■ 1445BD

■ 1445BD

FFFFFF

■ 002FA1

■ 6575F6

■ 001B86

■ 848EFF

■ 00076C

■ A3A9FF

■ 000653

■ C1C4FF

■ 00063B

■ DFE0FF

■ 000224

■ FEFCFF

■ 00000C

■ 000000

■ 1445BD

■ 1445BD

■ 0138BD

■ 2752BD

■ 0037BD

■ 3A60BD

■ 4D6DBD

■ 607BBD

■ 7288BD

■ 8596BD

■ 98A3BD

■ ABB0BD

■ BEBEBD

# Harmonies

## Analogous

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



005CC8



1445BD



8B1394

# Triad

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



1445BD



952C00



006645

# Complementary

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



1445BD



BD8C14

# 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.



006300



1445BD



6A4B00

# Square

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



1445BD



AE0023



305B00



006782

# Rectangle

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



1445BD



A7006F



305B00



006530



# Sweetspot

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



1445BD



B3C6F5



14BD8A



535F7A



FAFAFA



7A7A7A



# Same Dimension

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



1445BD



0047F5



3614BD



55585E



002E9E



00091F



# Inverse Universe

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



BD1445



F50047



9BBD14



5E5558



9E002E



1F0009



# Previews

## White Background



This preview shows how the Hex color 1445BD looks on a white background.

## Color Contrast Check

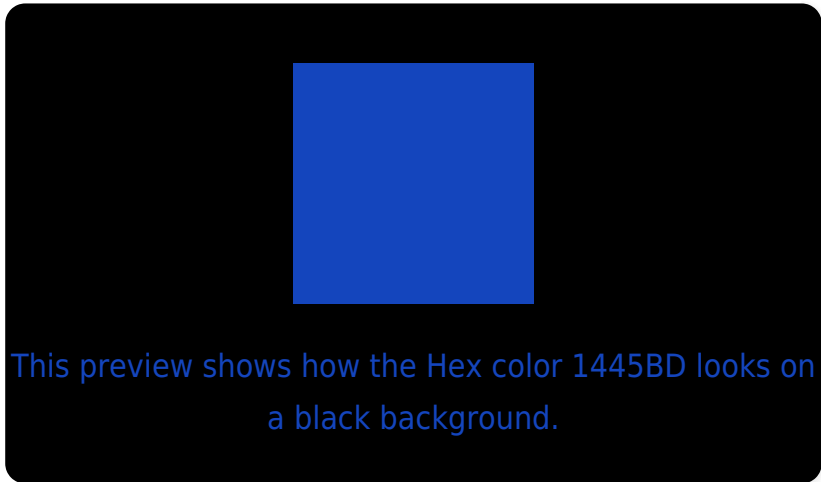
Large Text (above 18pt) WCAG AA ✓ Pass

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

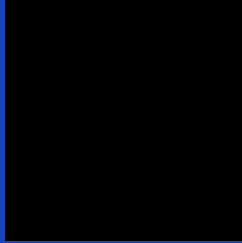
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1445BD Background



This preview shows how black text looks on a background with the Hex color 1445BD.

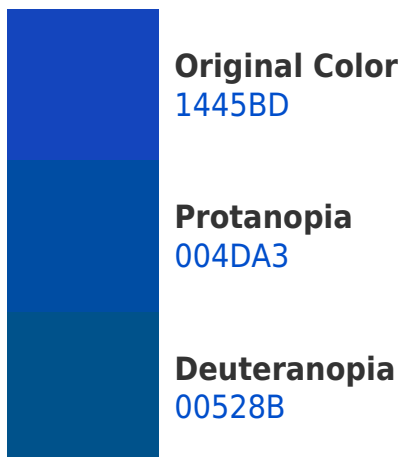


This preview shows how white text looks on a background with the Hex color 1445BD.

# 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



**Original Color**  
1445BD

**Protanomaly**  
074AAC

**Deuteranomaly**  
074D9D

**Tritanomaly**  
075281

# Monochromacy



**Original Color**  
1445BD

**Achromatopsia**  
444444

**Achromatomaly**  
334470

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1445BD 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 #1445BD looks like.

```
.text, #text, p{  
    color:#1445BD  
}
```

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 #1445BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1445BD
}
```

## Border

The CSS property to change the border of an element to Hex 1445BD 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
#1445BD }
```

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

```
.border{ border-color:#1445BD }
```

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

Here you see how a box with a 4 pixel #1445BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1445BD; -webkit-box-shadow:4px 4px  
4px 4px #1445BD; box-shadow:4px 4px 4px  
4px #1445BD }
```

# Background

The CSS property to change the background color of an element to Hex 1445BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1445BD }
```

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

```
.background{ background-color:#1445BD }
```

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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