

# Converting Colors

Hex(1471C5)

Have a look what the booklet for  
Hex(1471C5) contains.

<b>Hex(1471C5)</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(1471C5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1471C5
RGB	20, 113, 197
RGB Percent	8%, 44%, 77%
CMY	0.9216, 0.5569, 0.2275
CMYK	0.90, 0.43, 0.00, 0.23
HSL	208°, 82%, 43%
HSV	208°, 90%, 77%
XYZ	16.2717, 15.9902, 55.0521
YIQ	94.7690, -82.3920, 6.4080

# Conversions

## Conversions Part 2

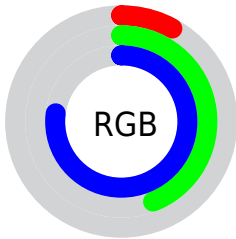
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 81, 197
Decimal	1339845
CIE <sub>Lab</sub>	46.96, 6.24, -50.78
CIE <sub>LCh</sub>	47, 51.159, 277.011
Yxy	15.9902, 0.1864, 0.1831
Android (android.graphics.Color)	4279529925 (0xFF1471C5)
YUV	94.7690, 50.3999, -65.5724
Hunter-Lab	39.9877, 2.6560, -53.6346

# Details

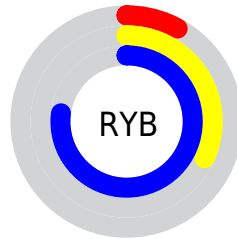
The Hex color **1471C5** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C56814**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **65A4FE**, and **00428E** is the 20% darker color. If you saturate the color by 10%, you get **0068C5**, and if you desaturate by 10%, it is **287AC5**.

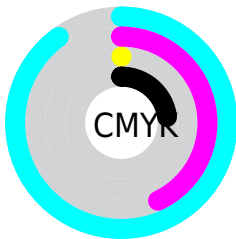
# Distribution



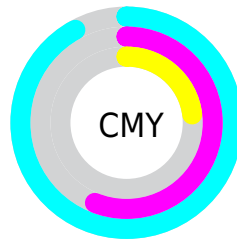
- Red (8%)
- Green (44%)
- Blue (77%)



- Red (8%)
- Yellow (32%)
- Blue (77%)



- Cyan (90%)
- Magenta (43%)
- Yellow (0%)
- Black (23%)



- Cyan (92%)
- Magenta (56%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1471C5 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 1471C5 by changing the saturation by 10% instead.



 1471C5

 1471C5

FFFFFF

 0059A9

 65A4FE

 00428E

 84BFFF

 002D74

 A2DBFF

 001A5B

 C1F7FF

 000743

 DFFFFF

 00032C

FEFFFF

 000116

 000000

 1471C5

 1471C5

■ 0068C5

■ 287AC5

■ 3B84C5

■ 4F8DC5

■ 6396C5

■ 77A0C5

■ 8AA9C5

■ 9EB2C5

■ B2BCC5

■ C5C5C5

# Harmonies

## Analogous

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



007DBE



1471C5



7E5FB4

# Triad

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



1471C5



B74F3E



00814C

# Complementary

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



1471C5



C56814

# 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.



4E7B24



1471C5



9F611B

# Square

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



1471C5



BC4567



7C710A



008479

# Rectangle

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



1471C5



9F539F



7C710A



1D803E

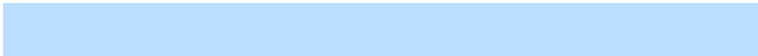


# Sweetspot

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



1471C5



BADEFF



14C567



576C80



000000



808080



# Same Dimension

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



1471C5



0086FF



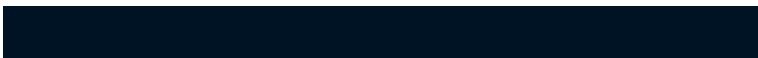
141AC5



5A5F63



0056A3



001324



# Inverse Universe

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



C51471



FF0086



C5BF14



635A5F



A30056



240013



# Previews

## White Background



This preview shows how the Hex color 1471C5 looks on a white background.

## Color Contrast Check

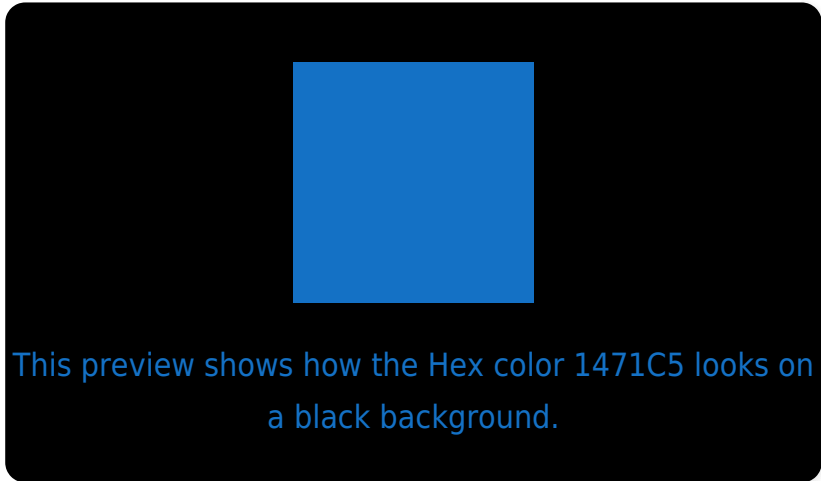
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

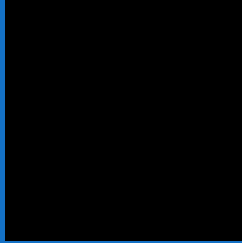
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1471C5 Background



This preview shows how black text looks on a background with the Hex color 1471C5.

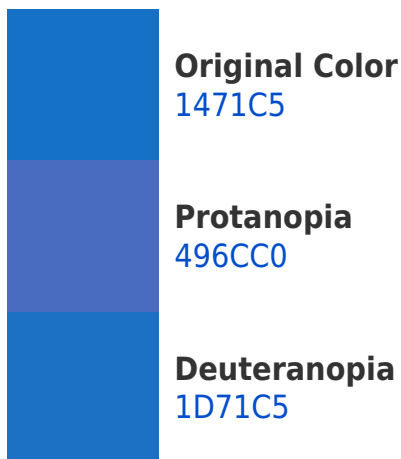


This preview shows how white text looks on a background with the Hex color 1471C5.

# 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](#).

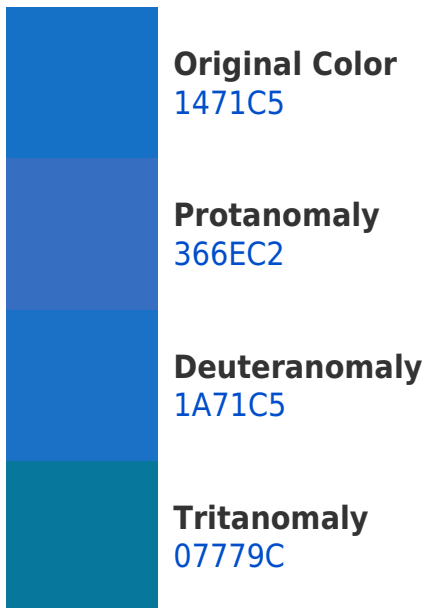
## Dichromacy





**Tritanopia**  
007B84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1471C5 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 #1471C5 looks like.

```
.text, #text, p{  
    color:#1471C5  
}
```

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 #1471C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1471C5
}
```

## Border

The CSS property to change the border of an element to Hex 1471C5 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
#1471C5 }
```

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

```
.border{ border-color:#1471C5 }
```

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

Here you see how a box with a 4 pixel #1471C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1471C5; -webkit-box-shadow:4px 4px  
4px 4px #1471C5; box-shadow:4px 4px 4px  
4px #1471C5 }
```

# Background

The CSS property to change the background color of an element to Hex 1471C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1471C5 }
```

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

```
.background{ background-color:#1471C5 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor