

Converting Colors

Hex(1529C7)

Have a look what the booklet for
Hex(1529C7) contains.

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Color

Hex(1529C7)

Conversions

Conversions Part 1

Format	Color
Hex	1529C7
RGB	21, 41, 199
RGB Percent	8%, 16%, 78%
CMY	0.9176, 0.8392, 0.2196
CMYK	0.89, 0.79, 0.00, 0.22
HSL	233°, 81%, 43%
HSV	233°, 89%, 78%
XYZ	11.4110, 5.8688, 54.5642
YIQ	53.0320, -62.6380, 44.8980

Conversions

Conversions Part 2

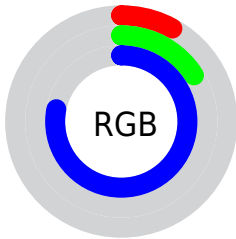
Format	Color
R_{YB}	21, 39, 199
Decimal	1386951
CIE _{Lab}	29.08, 52.35, -81.14
CIE _{LCh}	29, 96.561, 302.832
Yxy	5.8688, 0.1588, 0.0817
Android (android.graphics.Color)	4279577031 (0xFF1529C7)
YUV	53.0320, 71.9622, -28.0921
Hunter-Lab	24.2257, 41.6839, -116.5827

Details

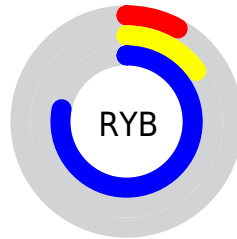
The Hex color **1529C7** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **C7B315**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **6B59FF**, and **00008F** is the 20% darker color. If you saturate the color by 10%, you get **0117C7**, and if you desaturate by 10%, it is **293BC7**.

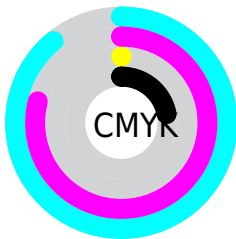
Distribution



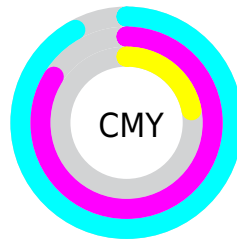
- Red (8%)
- Green (16%)
- Blue (78%)



- Red (8%)
- Yellow (15%)
- Blue (78%)



- Cyan (89%)
- Magenta (79%)
- Yellow (0%)
- Black (22%)



- Cyan (92%)
- Magenta (84%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1529C7 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 1529C7 by changing the saturation by 10% instead.

■ 1529C7

■ 1529C7

FFFFFF

■ 0011AB

■ 6B59FF

■ 00008F

■ 8B72FF

■ 000075

■ AA8DFF

■ 00095B

■ CAA7FF

■ 000742

■ E9C3FF

■ 00032B

■ FFDFFF

■ 000116

■ FFFCFF

■ 000000

■ 1529C7

■ 1529C7

■ 0117C7

■ 293BC7

■ 0016C7

■ 3D4CC7

■ 515EC7

■ 6570C7

■ 7981C7

■ 8C93C7

■ A0A5C7

■ B4B6C7

■ C8C8C7

Harmonies

Analogous

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



0051E1



1529C7



9B008B

Triad

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



1529C7



871A00



005C4A

Complementary

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



1529C7



C7B315

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.



005900



1529C7



4F4500

Square

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



1529C7



AE0000



005400



005E96

Rectangle

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



1529C7



B5005A



005400



005B30

Sweetspot

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



1529C7



BAC2FF



15C7B2



575B80



000000



808080

Same Dimension

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



1529C7



001DFF



5915C7



5A5B63



0012A3



000424

Inverse Universe

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



C71529



FF001D



83C715



635A5B



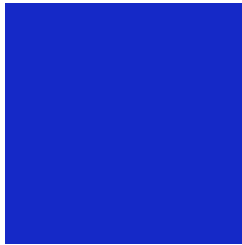
A30012



240004

Previews

White Background



This preview shows how the Hex color 1529C7 looks on a white background.

Color Contrast Check

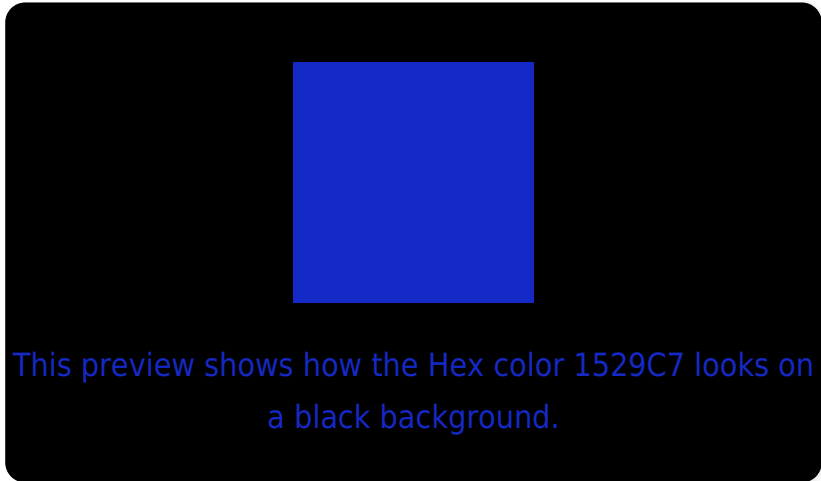
Large Text (above 18pt) WCAG AA ✓ Pass

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

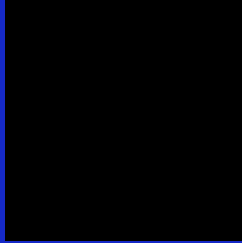
Any Text WCAG AA × Fail

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 1529C7 Background



This preview shows how black text looks on a background with the Hex color 1529C7.



This preview shows how white text looks on a background with the Hex color 1529C7.

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



Original Color
1529C7

Protanopia
00428B

Deuteranopia
004776



Tritanopia
004C50

Trichromacy



Original Color
1529C7

Protanomaly
0839A1

Deuteranomaly
083C93

Tritanomaly
083F7B

Monochromacy



Original Color
1529C7

Achromatopsia
353535

Achromatomaly
29316A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1529C7 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 #1529C7 looks like.

```
.text, #text, p{  
    color:#1529C7  
}
```

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 #1529C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1529C7
}
```

Border

The CSS property to change the border of an element to Hex 1529C7 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
#1529C7 }
```

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

```
.border{ border-color:#1529C7 }
```

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

Here you see how a box with a 4 pixel #1529C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1529C7; -webkit-box-shadow:4px 4px  
4px 4px #1529C7; box-shadow:4px 4px 4px  
4px #1529C7 }
```

Background

The CSS property to change the background color of an element to Hex 1529C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1529C7 }
```

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

```
.background{ background-color:#1529C7 }
```

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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