

Converting Colors

Hex(1C2794)

Have a look what the booklet for
Hex(1C2794) contains.

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Color

Hex(1C2794)

Conversions

Conversions Part 1

Format	Color
Hex	1C2794
RGB	28, 39, 148
RGB Percent	11%, 15%, 58%
CMY	0.8902, 0.8471, 0.4196
CMYK	0.81, 0.74, 0.00, 0.42
HSL	234°, 68%, 35%
HSV	234°, 81%, 58%
XYZ	6.5497, 3.8360, 28.4122
YIQ	48.1370, -41.5450, 31.5670

Conversions

Conversions Part 2

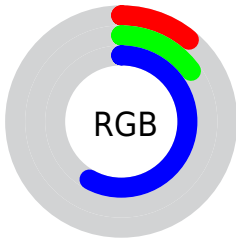
Format	Color
R_{YB}	28, 38, 148
Decimal	1845140
CIE _{Lab}	23.12, 36.36, -60.35
CIE _{LCh}	23, 70.460, 301.068
Yxy	3.8360, 0.1688, 0.0989
Android (android.graphics.Color)	4280035220 (0xFF1C2794)
YUV	48.1370, 49.2325, -17.6601
Hunter-Lab	19.5858, 25.4172, -72.2992




Details

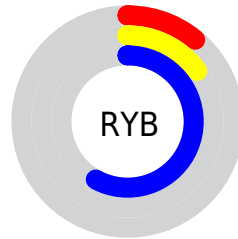
The Hex color **1C2794** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **94891C**, and the grayscale version is **303030**.




A 20% lighter version of the original color is **5F55CB**, and **000060** is the 20% darker color. If you saturate the color by 10%, you get **0D1A94**, and if you desaturate by 10%, it is **2B3494**.

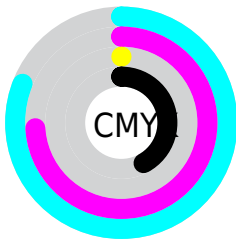
Distribution







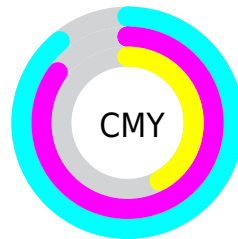
-  Red (11%)
-  Green (15%)
-  Blue (58%)






-  Red (11%)
-  Yellow (15%)
-  Blue (58%)



-  Cyan (81%)
-  Magenta (74%)
-  Yellow (0%)
-  Black (42%)



-  Cyan (89%)
-  Magenta (85%)
-  Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C2794 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 1C2794 by changing the saturation by 10% instead.

■ 1C2794

■ 1C2794

FFFFFF

■ 00127A

■ 5F55CB

■ 000060

■ 7C6DE8

■ 000347

■ 9987FF

■ 000430

■ B6A1FF

■ 00011A

■ D4BDFF

■ 000000

■ F2D8FF

■ FFF5FF

■ 1C2794

■ 1C2794

■ 0D1A94

■ 2B3494

■ 000E94

■ 3A4294

■ 484F94

■ 575D94

■ 666A94

■ 757894

■ 848594

■ 929394

■ A1A094

Harmonies

Analogous

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



0040A4



1C2794



73006B

Triad

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



1C2794



6B1A00



004938

Complementary

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



1C2794



94891C

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.



004700



1C2794



433600

Square

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



1C2794



850000



004200



004A6D

Rectangle

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



1C2794



870049



004200



004925

Sweetspot

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



1C2794



9196BF



1C9488



454761



E0E0E0



616161

Same Dimension

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



1C2794



0617BF



4C1C94



43434A



000D8A



00010A

Inverse Universe

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



941C27



BF0617



64941C



4A4343



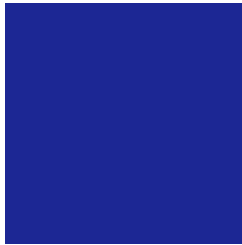
8A000D



0A0001

Previews

White Background



This preview shows how the Hex color 1C2794 looks on a white background.

Color Contrast Check

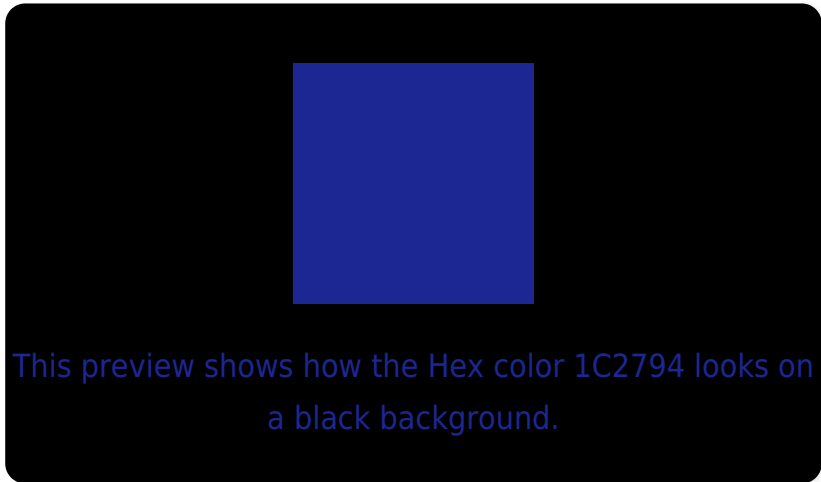
Large Text (above 18pt) WCAG AA ✓ Pass

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

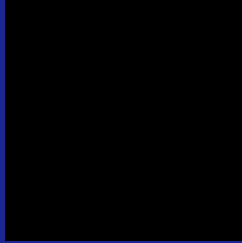
Any Text WCAG AA × Fail

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 1C2794 Background



This preview shows how black text looks on a background with the Hex color 1C2794.



This preview shows how white text looks on a background with the Hex color 1C2794.

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
1C2794

Protanopia
003671

Deuteranopia
003960



Tritanopia
003E41

Trichromacy



Original Color
1C2794

Protanomaly
0A317E

Deuteranomaly
0A3273

Tritanomaly
0A365F

Monochromacy



Original Color
1C2794

Achromatopsia
303030

Achromatomaly
292D54

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C2794 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 #1C2794 looks like.

```
.text, #text, p{  
    color:#1C2794  
}
```

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 #1C2794 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C2794
}
```

Border

The CSS property to change the border of an element to Hex 1C2794 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
#1C2794 }
```

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

```
.border{ border-color:#1C2794 }
```

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

Here you see how a box with a 4 pixel #1C2794 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C2794; -webkit-box-shadow:4px 4px  
4px 4px #1C2794; box-shadow:4px 4px 4px  
4px #1C2794 }
```

Background

The CSS property to change the background color of an element to Hex 1C2794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C2794 }
```

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

```
.background{ background-color:#1C2794 }
```

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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