

Converting Colors

Hex(1E219C)

Have a look what the booklet for
Hex(1E219C) contains.

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Color

Hex(1E219C)

Conversions

Conversions Part 1

Format	Color
Hex	1E219C
RGB	30, 33, 156
RGB Percent	12%, 13%, 61%
CMY	0.8824, 0.8706, 0.3882
CMYK	0.81, 0.79, 0.00, 0.39
HSL	239°, 68%, 36%
HSV	239°, 81%, 61%
XYZ	7.0800, 3.7640, 31.8059
YIQ	46.1250, -41.2710, 37.6170

Conversions

Conversions Part 2

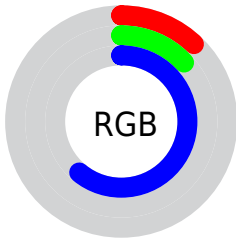
Format	Color
R_{YB}	30, 33, 156
Decimal	1974684
CIE _{Lab}	22.88, 42.81, -65.68
CIE _{LCh}	23, 78.398, 303.099
Yxy	3.7640, 0.1660, 0.0883
Android (android.graphics.Color)	4280164764 (0xFF1E219C)
YUV	46.1250, 54.1684, -14.1416
Hunter-Lab	19.4011, 31.1879, -83.6183

Details

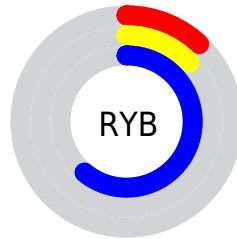
The Hex color **1E219C** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **9C991E**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **6350D4**, and **000067** is the 20% darker color. If you saturate the color by 10%, you get **0E129C**, and if you desaturate by 10%, it is **2E309C**.

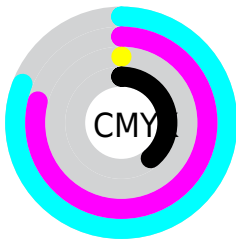
Distribution



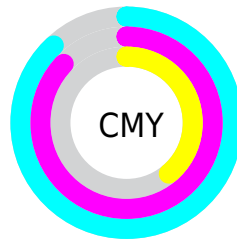
- Red (12%)
- Green (13%)
- Blue (61%)



- Red (12%)
- Yellow (13%)
- Blue (61%)



- Cyan (81%)
- Magenta (79%)
- Yellow (0%)
- Black (39%)




- Cyan (88%)
- Magenta (87%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E219C 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 1E219C by changing the saturation by 10% instead.

 1E219C

 1E219C

FFFFFF

 000A81

 6350D4

 000067

 8168F1

 00004E

 9E82FF

 000536

 BC9CFF

 000220


 D9B7FF


 000004

 F7D3FF

 000000

 FFF0FF

 1E219C

 1E219C

■ 0E129C

■ 2E309C

■ 00049C

■ 3D3F9C

■ 4D4F9C

■ 5C5E9C

■ 6C6D9C

■ 7C7C9C

■ 8B8C9C

■ 9B9B9C

■ AAAA9C

Harmonies

Analogous

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



0040B0



1E219C



7B006D

Triad

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



1E219C



6B1800



004A3C

Complementary

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



1E219C



9C991E

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.



004800



1E219C



3F3700

Square

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



1E219C



8A0000



004300



004B77

Rectangle

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



1E219C



8F0047



004300



004927

Sweetspot

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



1E219C



9B9CCC



1E9C98



484966



E6E6E6



666666

Same Dimension

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



1E219C



060BCC



591E9C



47474F



00038F



00000F

Inverse Universe

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



9C1E21



CC060B



619C1E



4F4747



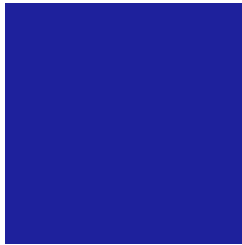
8F0003



0F0000

Previews

White Background



This preview shows how the Hex color 1E219C looks on a white background.

Color Contrast Check

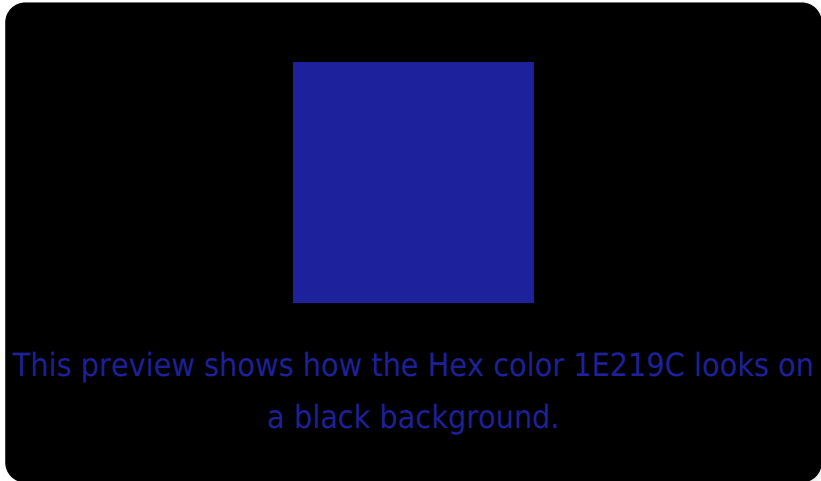
Large Text (above 18pt) WCAG AA ✓ Pass

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

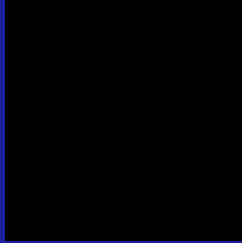
Any Text WCAG AA × Fail

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 1E219C Background



This preview shows how black text looks on a background with the Hex color 1E219C.



This preview shows how white text looks on a background with the Hex color 1E219C.

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
1E219C

Protanopia
003570

Deuteranopia
00395F



Tritanopia
003D40

Trichromacy



Original Color
1E219C

Protanomaly
0B2E80

Deuteranomaly
0B3075

Tritanomaly
0B3361

Monochromacy



Original Color
1E219C

Achromatopsia
2E2E2E

Achromatomaly
282956

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E219C 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 #1E219C looks like.

```
.text, #text, p{  
    color:#1E219C  
}
```

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 #1E219C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E219C
}
```

Border

The CSS property to change the border of an element to Hex 1E219C 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
#1E219C }
```

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

```
.border{ border-color:#1E219C }
```

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

Here you see how a box with a 4 pixel #1E219C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E219C; -webkit-box-shadow:4px 4px  
4px 4px #1E219C; box-shadow:4px 4px 4px  
4px #1E219C }
```

Background

The CSS property to change the background color of an element to Hex 1E219C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E219C }
```

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

```
.background{ background-color:#1E219C }
```

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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