

Converting Colors

Hex(1E1D9C)

Have a look what the booklet for
Hex(1E1D9C) contains.

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Color

Hex(1E1D9C)

Conversions

Conversions Part 1

Format	Color
Hex	1E1D9C
RGB	30, 29, 156
RGB Percent	12%, 11%, 61%
CMY	0.8824, 0.8863, 0.3882
CMYK	0.81, 0.81, 0.00, 0.39
HSL	240°, 69%, 36%
HSV	240°, 81%, 61%
XYZ	6.9755, 3.5550, 31.7710
YIQ	43.7770, -40.1710, 39.7090

Conversions

Conversions Part 2

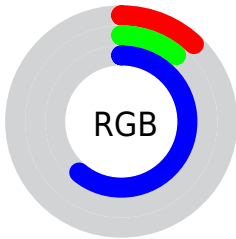
Format	Color
R_{YB}	30, 29, 156
Decimal	1973660
CIE _{Lab}	22.14, 44.93, -66.89
CIE _{LCh}	22, 80.582, 303.890
Yxy	3.5550, 0.1649, 0.0840
Android (android.graphics.Color)	4280163740 (0xFF1E1D9C)
YUV	43.7770, 55.3259, -12.0824
Hunter-Lab	18.8548, 33.0419, -86.7072

Details

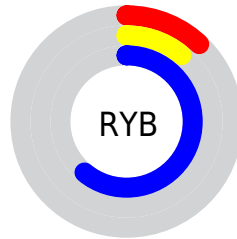
The Hex color **1E1D9C** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **9B9C1D**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **634CD4**, and **000067** is the 20% darker color. If you saturate the color by 10%, you get **0F0D9C**, and if you desaturate by 10%, it is **2D2D9C**.

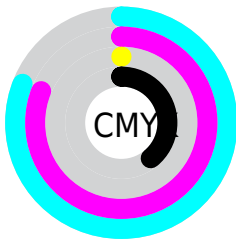
Distribution



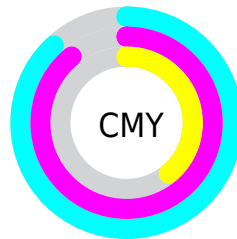
- Red (12%)
- Green (11%)
- Blue (61%)



- Red (12%)
- Yellow (11%)
- Blue (61%)



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



- Cyan (88%)
- Magenta (89%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E1D9C 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 1E1D9C by changing the saturation by 10% instead.

■ 1E1D9C

■ 1E1D9C

FFFFFF

■ 000581

■ 634CD4

■ 000067

■ 8165F1

■ 00014E

■ 9F7EFF

■ 000536

■ BC99FF

■ 000220

■ DAB4FF

■ 000004

■ F8D0FF

■ 000000

■ FFECFF

■ 1E1D9C

■ 1E1D9C

■ 0F0D9C

■ 2D2D9C

■ 01009C

■ 3D3C9C

■ 4C4C9C

■ 5C5B9C

■ 6B6B9C

■ 7B7B9C

■ 8A8A9C

■ 9A9A9C

■ A9A99C

Harmonies

Analogous

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



003EB2



1E1D9C



7C006B

Triad

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



1E1D9C



691600



00483C

Complementary

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



1E1D9C



9B9C1D

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.



004600



1E1D9C



3B3600

Square

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



1E1D9C



890000



004200



004A78

Rectangle

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



1E1D9C



900044



004200



004827

Sweetspot

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



1E1D9C



9B9BCC



1D9C9C



494866



E6E6E6



666666

Same Dimension

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



1E1D9C



0604CC



5D1D9C



47474F



01008F



00000F

Inverse Universe

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



9C1D9B



CC04CA



5D9C1D



4F474F



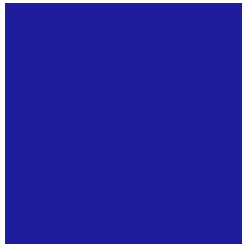
8F008E



0F000F

Previews

White Background



This preview shows how the Hex color 1E1D9C looks on a white background.

Color Contrast Check

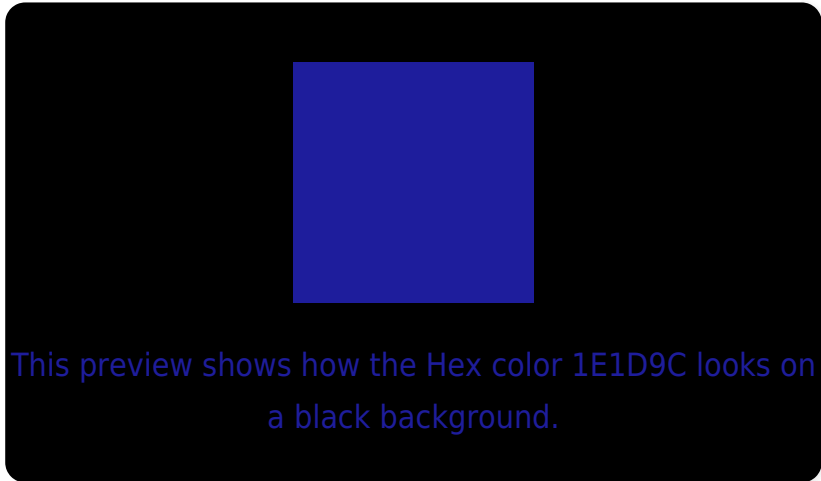
Large Text (above 18pt) WCAG AA ✓ Pass

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

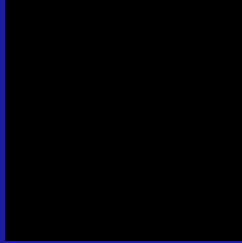
Any Text WCAG AA × Fail

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 1E1D9C Background



This preview shows how black text looks on a background with the Hex color 1E1D9C.



This preview shows how white text looks on a background with the Hex color 1E1D9C.

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
1E1D9C

Protanopia
00346D

Deuteranopia
00375C



Tritanopia
003C3F

Trichromacy



Original Color
1E1D9C

Protanomaly
0B2C7E

Deuteranomaly
0B2E73

Tritanomaly
0B3161

Monochromacy



Original Color
1E1D9C

Achromatopsia
2C2C2C

Achromatomaly
272755

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E1D9C 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 #1E1D9C looks like.

```
.text, #text, p{  
    color:#1E1D9C  
}
```

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 #1E1D9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E1D9C
}
```

Border

The CSS property to change the border of an element to Hex 1E1D9C 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".

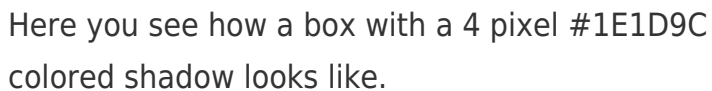
```
.border, #border, table{ border:4px solid
#1E1D9C }
```

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

```
.border{ border-color:#1E1D9C }
```

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

Here you see how a box with a 4 pixel #1E1D9C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E1D9C; -webkit-box-shadow:4px 4px  
4px 4px #1E1D9C; box-shadow:4px 4px 4px  
4px #1E1D9C }
```

Background

The CSS property to change the background color of an element to Hex 1E1D9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E1D9C }
```

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

```
.background{ background-color:#1E1D9C }
```

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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