

Converting Colors

Hex(1E1C9D)

Have a look what the booklet for
Hex(1E1C9D) contains.

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Color

Hex(1E1C9D)

Conversions

Conversions Part 1

Format	Color
Hex	1E1C9D
RGB	30, 28, 157
RGB Percent	12%, 11%, 62%
CMY	0.8824, 0.8902, 0.3843
CMYK	0.81, 0.82, 0.00, 0.38
HSL	241°, 70%, 36%
HSV	241°, 82%, 62%
XYZ	7.0365, 3.5408, 32.2109
YIQ	43.3040, -40.2170, 40.5430

Conversions

Conversions Part 2

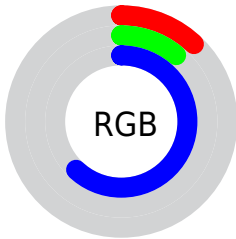
Format	Color
R_{YB}	30, 28, 157
Decimal	1973405
CIE _{Lab}	22.09, 45.76, -67.59
CIE _{LCh}	22, 81.622, 304.099
Yxy	3.5408, 0.1644, 0.0828
Android (android.graphics.Color)	4280163485 (0xFF1E1C9D)
YUV	43.3040, 56.0521, -11.6676
Hunter-Lab	18.8171, 33.8182, -88.3197

Details

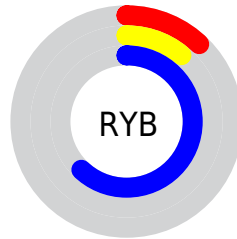
The Hex color **1E1C9D** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **9B9D1C**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **644BD5**, and **000068** is the 20% darker color. If you saturate the color by 10%, you get **0F0C9D**, and if you desaturate by 10%, it is **2D2C9D**.

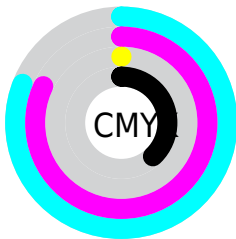
Distribution



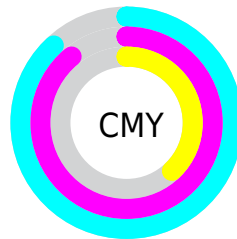
- Red (12%)
- Green (11%)
- Blue (62%)



- Red (12%)
- Yellow (11%)
- Blue (62%)



- Cyan (81%)
- Magenta (82%)
- Yellow (0%)
- Black (38%)



- Cyan (88%)
- Magenta (89%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E1C9D 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 1E1C9D by changing the saturation by 10% instead.

■ 1E1C9D

■ 1E1C9D

FFFFFF

■ 000482

■ 644BD5

■ 000068

■ 8264F2

■ 00014F

■ 9F7EFF

■ 000537

■ BD98FF

■ 000221

■ DBB3FF

■ 000005

■ F9CFFF

■ 000000

■ FFEBFF

■ 1E1C9D

■ 1E1C9D

■ 0F0C9D

■ 2D2C9D

■ 02009D

■ 3D3B9D

■ 4C4B9D

■ 5C5B9D

■ 6B6B9D

■ 7B7A9D

■ 8A8A9D

■ 9A9A9D

■ A9A99D

Harmonies

Analogous

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



003EB3



1E1C9D



7D006B

Triad

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



1E1C9D



691500



00483C

Complementary

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



1E1C9D



9B9D1C

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



1E1C9D



3B3600

Square

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



1E1C9D



8A0000



004200



004A79

Rectangle

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



1E1C9D



910044



004200



004827

Sweetspot

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



1E1C9D



9A99CC



1C9D9D



484766



E6E6E6



666666

Same Dimension

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



1E1C9D



0502CC



5D1C9D



47474F



02008F



00000F

Inverse Universe

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



9D1C9B



CC02C9



5D9D1C



4F474F



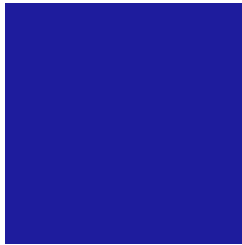
8F008D



0F000F

Previews

White Background



This preview shows how the Hex color 1E1C9D looks on a white background.

Color Contrast Check

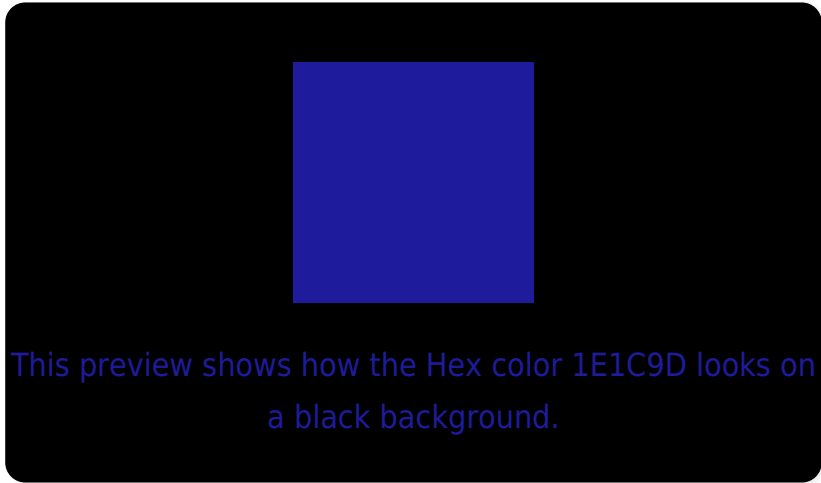
Large Text (above 18pt) WCAG AA ✓ Pass

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

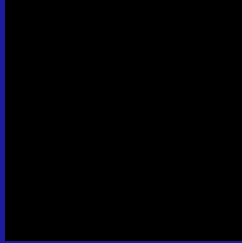
Any Text WCAG AA × Fail

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 1E1C9D Background



This preview shows how black text looks on a background with the Hex color 1E1C9D.



This preview shows how white text looks on a background with the Hex color 1E1C9D.

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
1E1C9D

Protanopia
00346D

Deuteranopia
00375C



Tritanopia
003C3F

Trichromacy



Original Color
1E1C9D

Protanomaly
0B2B7E

Deuteranomaly
0B2D74

Tritanomaly
0B3061

Monochromacy



Original Color
1E1C9D

Achromatopsia
2B2B2B

Achromatomaly
262654

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E1C9D 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 #1E1C9D looks like.

```
.text, #text, p{  
    color:#1E1C9D  
}
```

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 #1E1C9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E1C9D
}
```

Border

The CSS property to change the border of an element to Hex 1E1C9D 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
#1E1C9D }
```

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

```
.border{ border-color:#1E1C9D }
```

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

Here you see how a box with a 4 pixel #1E1C9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E1C9D; -webkit-box-shadow:4px 4px  
4px 4px #1E1C9D; box-shadow:4px 4px 4px  
4px #1E1C9D }
```

Background

The CSS property to change the background color of an element to Hex 1E1C9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E1C9D }
```

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

```
.background{ background-color:#1E1C9D }
```

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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