

Converting Colors

Hex(1A1E79)

Have a look what the booklet for
Hex(1A1E79) contains.

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Color

Hex(1A1E79)

Conversions

Conversions Part 1

Format	Color
Hex	1A1E79
RGB	26, 30, 121
RGB Percent	10%, 12%, 47%
CMY	0.8980, 0.8824, 0.5255
CMYK	0.79, 0.75, 0.00, 0.53
HSL	237°, 65%, 29%
HSV	237°, 79%, 47%
XYZ	4.3415, 2.5286, 18.3484
YIQ	39.1780, -31.5950, 27.4530

Conversions

Conversions Part 2

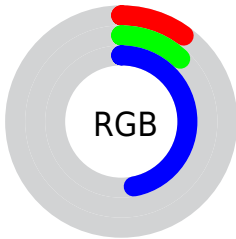
Format	Color
R_{YB}	26, 30, 121
Decimal	1711737
CIE _{Lab}	18.05, 31.98, -51.77
CIE _{LCh}	18, 60.846, 301.703
Yxy	2.5286, 0.1722, 0.1003
Android (android.graphics.Color)	4279901817 (0xFF1A1E79)
YUV	39.1780, 40.3382, -11.5571
Hunter-Lab	15.9017, 20.9060, -57.2816

Details

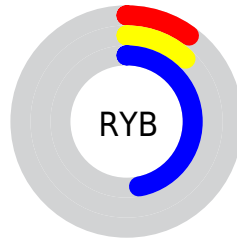
The Hex color **1A1E79** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **79751A**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **574BAE**, and **000047** is the 20% darker color. If you saturate the color by 10%, you get **0E1279**, and if you desaturate by 10%, it is **262A79**.

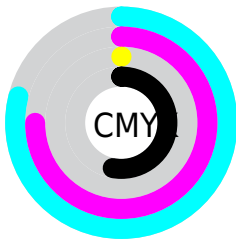
Distribution



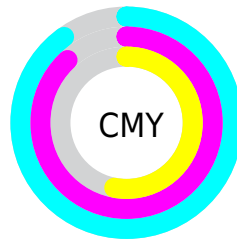
- Red (10%)
- Green (12%)
- Blue (47%)



- Red (10%)
- Yellow (12%)
- Blue (47%)



- Cyan (79%)
- Magenta (75%)
- Yellow (0%)
- Black (53%)



- Cyan (90%)
- Magenta (88%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A1E79 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 1A1E79 by changing the saturation by 10% instead.

■ 1A1E79

■ 1A1E79

FFFFFF

■ 000A60

■ 574BAE

■ 000047

■ 7363CA

■ 000430

■ 8F7CE7

■ 00011A

■ AB96FF

■ 000000

■ C8B1FF

■ E5CCFF

■ FFE9FF

■ 1A1E79

■ 1A1E79

■ 0E1279

■ 262A79

■ 020779

■ 323579

■ 000579

■ 3E4179

■ 4A4C79

■ 565879

■ 636479

■ 6F6F79

■ 7B7B79

■ 878679

Harmonies

Analogous

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



003387



1A1E79



5F0057

Triad

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



1A1E79



571500



003C2E

Complementary

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



1A1E79



79751A

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.



003A00



1A1E79



352C00

Square

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



1A1E79



6D0000



003600



003C5A

Rectangle

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



1A1E79



6F003A



003600



003B1E

Sweetspot

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



1A1E79



787A9E



1A7974



38394F



CFCFCF



4F4F4F

Same Dimension

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



1A1E79



09109E



451A79



37373D



00057D



000BFC

Inverse Universe

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



791A1E



9E0910



4E791A



3D3737



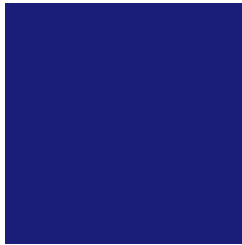
7D0005



FC000B

Previews

White Background



This preview shows how the Hex color 1A1E79 looks on a white background.

Color Contrast Check

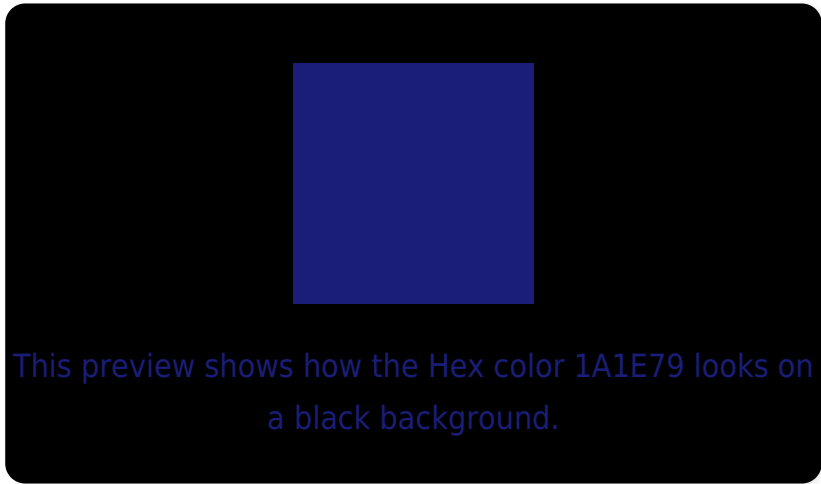
Large Text (above 18pt) WCAG AA ✓ Pass

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

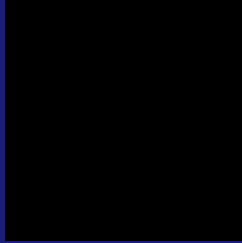
Any Text WCAG AA × Fail

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 1A1E79 Background



This preview shows how black text looks on a background with the Hex color 1A1E79.



This preview shows how white text looks on a background with the Hex color 1A1E79.

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

1A1E79

Protanopia

002B5B

Deuteranopia

002E4E

Trichromacy



Original Color
1A1E79

Protanomaly
092666

Deuteranomaly
09285E

Tritanomaly
092B4E

Monochromacy



Original Color
1A1E79

Achromatopsia
272727

Achromatomaly
222445

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A1E79 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 #1A1E79 looks like.

```
.text, #text, p{  
    color:#1A1E79  
}
```

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 #1A1E79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A1E79
}
```

Border

The CSS property to change the border of an element to Hex 1A1E79 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".

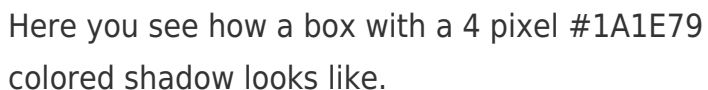
```
.border, #border, table{ border:4px solid
#1A1E79 }
```

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

```
.border{ border-color:#1A1E79 }
```

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

Here you see how a box with a 4 pixel #1A1E79 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A1E79; -webkit-box-shadow:4px 4px  
4px 4px #1A1E79; box-shadow:4px 4px 4px  
4px #1A1E79 }
```

Background

The CSS property to change the background color of an element to Hex 1A1E79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A1E79 }
```

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

```
.background{ background-color:#1A1E79 }
```

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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