

Converting Colors

Hex(1A1D96)

Have a look what the booklet for
Hex(1A1D96) contains.

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Color

Hex(1A1D96)

Conversions

Conversions Part 1

Format	Color
Hex	1A1D96
RGB	26, 29, 150
RGB Percent	10%, 11%, 59%
CMY	0.8980, 0.8863, 0.4118
CMYK	0.83, 0.81, 0.00, 0.41
HSL	239°, 70%, 35%
HSV	239°, 83%, 59%
XYZ	6.3704, 3.3004, 29.1554
YIQ	41.8970, -40.6290, 36.9950

Conversions

Conversions Part 2

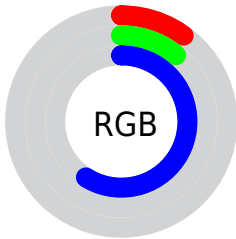
Format	Color
R_{YB}	26, 29, 150
Decimal	1711510
CIE _{Lab}	21.21, 42.72, -64.76
CIE _{LCh}	21, 77.577, 303.412
Yxy	3.3004, 0.1641, 0.0850
Android (android.graphics.Color)	4279901590 (0xFF1A1D96)
YUV	41.8970, 53.2948, -13.9417
Hunter-Lab	18.1669, 30.8007, -82.4359

Details

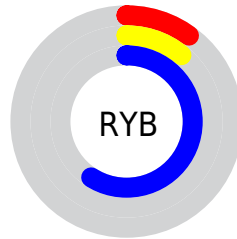
The Hex color **1A1D96** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **96931A**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **604BCD**, and **000062** is the 20% darker color. If you saturate the color by 10%, you get **0B0E96**, and if you desaturate by 10%, it is **292C96**.

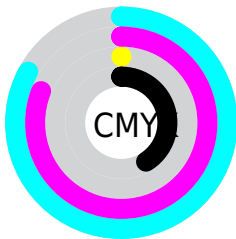
Distribution



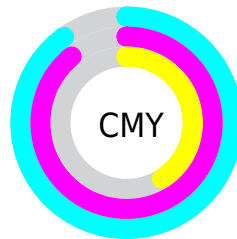
- Red (10%)
- Green (11%)
- Blue (59%)



- Red (10%)
- Yellow (11%)
- Blue (59%)



- Cyan (83%)
- Magenta (81%)
- Yellow (0%)
- Black (41%)



- Cyan (90%)
- Magenta (89%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A1D96 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 1A1D96 by changing the saturation by 10% instead.

■ 1A1D96

■ 1A1D96

FFFFFF

■ 00067B

■ 604BCD

■ 000062

■ 7D64EA

■ 000549

■ 9B7DFF

■ 000431

■ B898FF

■ 00011B

■ D6B3FF

■ 000000

■ F4CFFF

■ FFE8FF

■ 1A1D96

■ 1A1D96

■ 0B0E96

■ 292C96

■ 000496

■ 383A96

■ 474996

■ 565896

■ 656696

■ 747596

■ 838396

■ 929296

■ A1A196

Harmonies

Analogous

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



003CAA



1A1D96



760068

Triad

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



1A1D96



661400



004639

Complementary

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



1A1D96



96931A

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.



004300



1A1D96



3A3400

Square

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



1A1D96



840000



003F00



004772

Rectangle

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



1A1D96



8A0042



003F00



004524

Sweetspot

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



1A1D96



9193C2



1A9692



444561



E0E0E0



616161

Same Dimension

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



1A1D96



0207C2



541A96



43434A



00038A



00000A

Inverse Universe

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



961A1D



C20207



5C961A



4A4343



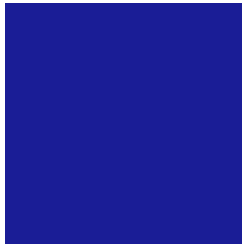
8A0003



0A0000

Previews

White Background



This preview shows how the Hex color 1A1D96 looks on a white background.

Color Contrast Check

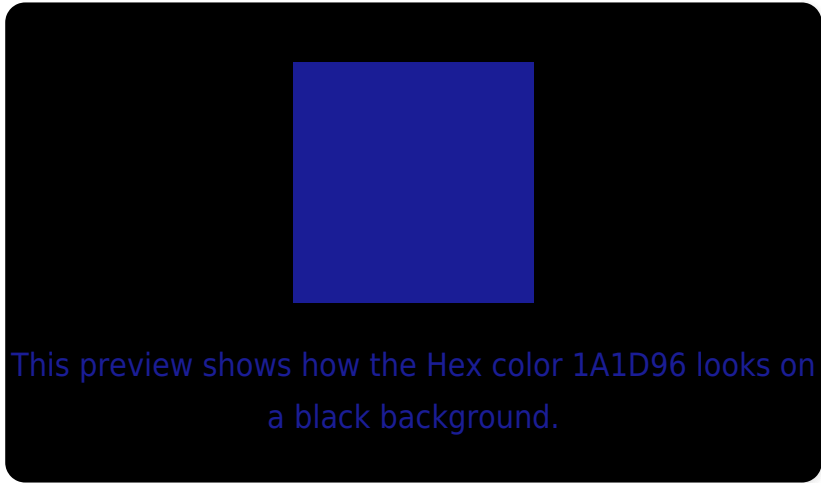
Large Text (above 18pt) WCAG AA ✓ Pass

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

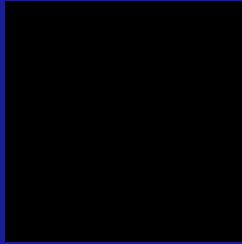
Any Text WCAG AA × Fail

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 1A1D96 Background



This preview shows how black text looks on a background with the Hex color 1A1D96.



This preview shows how white text looks on a background with the Hex color 1A1D96.

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
1A1D96

Protanopia
003269

Deuteranopia
003559



Tritanopia
00393C

Trichromacy



Original Color
1A1D96

Protanomaly
092A79

Deuteranomaly
092C6F

Tritanomaly
092F5D

Monochromacy



Original Color
1A1D96

Achromatopsia
2A2A2A

Achromatomaly
242551

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A1D96 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 #1A1D96 looks like.

```
.text, #text, p{  
    color:#1A1D96  
}
```

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 #1A1D96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A1D96
}
```

Border

The CSS property to change the border of an element to Hex 1A1D96 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".

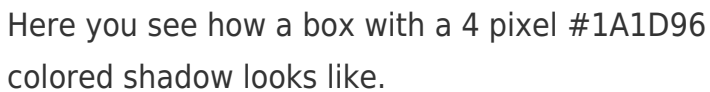
```
.border, #border, table{ border:4px solid
#1A1D96 }
```

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

```
.border{ border-color:#1A1D96 }
```

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

Here you see how a box with a 4 pixel #1A1D96 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The shadow is visible on the right and bottom edges of the box, indicating a 4-pixel offset in both directions.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A1D96; -webkit-box-shadow:4px 4px  
4px 4px #1A1D96; box-shadow:4px 4px 4px  
4px #1A1D96 }
```

Background

The CSS property to change the background color of an element to Hex 1A1D96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A1D96 }
```

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

```
.background{ background-color:#1A1D96 }
```

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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