

Converting Colors

Hex(1A1697)

Have a look what the booklet for
Hex(1A1697) contains.

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Color

Hex(1A1697)

Conversions

Conversions Part 1

Format	Color
Hex	1A1697
RGB	26, 22, 151
RGB Percent	10%, 9%, 59%
CMY	0.8980, 0.9137, 0.4078
CMYK	0.83, 0.85, 0.00, 0.41
HSL	242°, 75%, 34%
HSV	242°, 85%, 59%
XYZ	6.2988, 3.0278, 29.5306
YIQ	37.9020, -39.0250, 40.9670

Conversions

Conversions Part 2

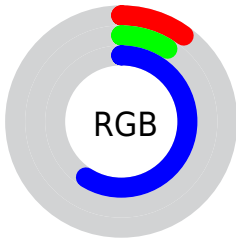
Format	Color
R_{YB}	26, 22, 151
Decimal	1709719
CIE _{Lab}	20.15, 46.50, -67.12
CIE _{LCh}	20, 81.655, 304.711
Yxy	3.0278, 0.1621, 0.0779
Android (android.graphics.Color)	4279899799 (0xFF1A1697)
YUV	37.9020, 55.7573, -10.4381
Hunter-Lab	17.4006, 34.1642, -88.4410

Details

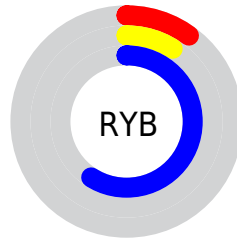
The Hex color **1A1697** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **939716**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **6146CF**, and **000063** is the 20% darker color. If you saturate the color by 10%, you get **0B0797**, and if you desaturate by 10%, it is **292597**.

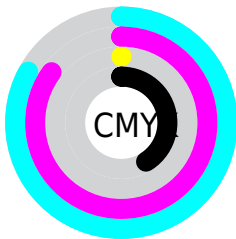
Distribution



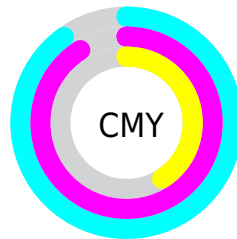
- Red (10%)
- Green (9%)
- Blue (59%)



- Red (10%)
- Yellow (9%)
- Blue (59%)



- Cyan (83%)
- Magenta (85%)
- Yellow (0%)
- Black (41%)



- Cyan (90%)
- Magenta (91%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A1697 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 1A1697 by changing the saturation by 10% instead.

■ 1A1697

■ 1A1697

FFFFFF

■ 00007C

■ 6146CF

■ 000063

■ 7E5EEB

■ 00064A

■ 9C78FF

■ 000432

■ B992FF

■ 00021C

■ D7ADFF

■ 000000

■ F5C9FF

■ FFE5FF

■ 1A1697

■ 1A1697

■ 0B0797

■ 292597

■ 050097

■ 373497

■ 464397

■ 555297

■ 636297

■ 727197

■ 808097

■ 8F8F97

■ 9E9E97

Harmonies

Analogous

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



003AAE



1A1697



790065

Triad

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



1A1697



631100



004439

Complementary

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



1A1697



939716

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.



004200



1A1697



353200

Square

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



1A1697



830000



003D00



004576

Rectangle

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



1A1697



8B003E



003D00



004324

Sweetspot

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



1A1697



9391C4



169597



464563



E3E3E3



636363

Same Dimension

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



1A1697



0600C4



591697



45454D



04008C



00000D

Inverse Universe

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



971693



C400BE



549716



4D454C



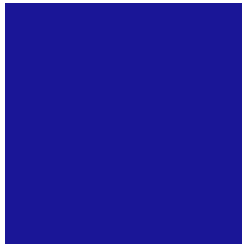
8C0088



0D000C

Previews

White Background



This preview shows how the Hex color 1A1697 looks on a white background.

Color Contrast Check

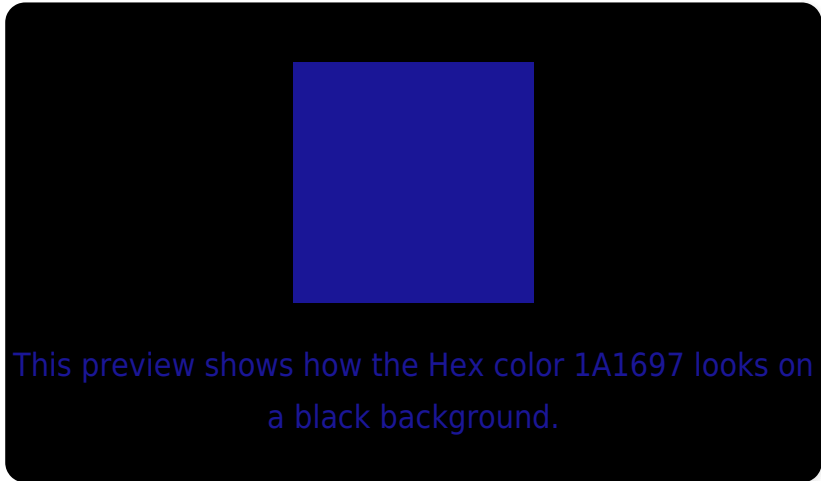
Large Text (above 18pt) WCAG AA ✓ Pass

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

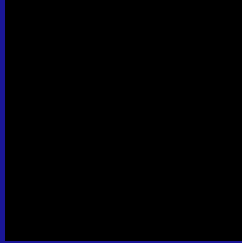
Any Text WCAG AA × Fail

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 1A1697 Background



This preview shows how black text looks on a background with the Hex color 1A1697.



This preview shows how white text looks on a background with the Hex color 1A1697.

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
1A1697

Protanopia
003065

Deuteranopia
003356



Tritanopia
00373A

Trichromacy



Original Color

1A1697

Protanomaly

092777

Deuteranomaly

09286E

Tritanomaly

092B5C

Monochromacy



Original Color

1A1697

Achromatopsia

262626

Achromatomaly

22204F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A1697 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 #1A1697 looks like.

```
.text, #text, p{  
    color:#1A1697  
}
```

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 #1A1697 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A1697
}
```

Border

The CSS property to change the border of an element to Hex 1A1697 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".

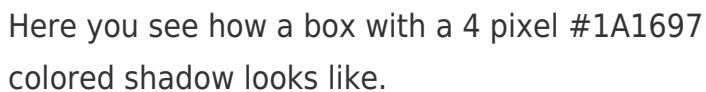
```
.border, #border, table{ border:4px solid
#1A1697 }
```

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

```
.border{ border-color:#1A1697 }
```

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

Here you see how a box with a 4 pixel #1A1697 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A1697; -webkit-box-shadow:4px 4px  
4px 4px #1A1697; box-shadow:4px 4px 4px  
4px #1A1697 }
```

Background

The CSS property to change the background color of an element to Hex 1A1697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A1697 }
```

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

```
.background{ background-color:#1A1697 }
```

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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