

Converting Colors

Hex(1B1679)

Have a look what the booklet for
Hex(1B1679) contains.

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Color

Hex(1B1679)

Conversions

Conversions Part 1

Format	Color
Hex	1B1679
RGB	27, 22, 121
RGB Percent	11%, 9%, 47%
CMY	0.8941, 0.9137, 0.5255
CMYK	0.78, 0.82, 0.00, 0.53
HSL	243°, 69%, 28%
HSV	243°, 82%, 47%
XYZ	4.1901, 2.1873, 18.2905
YIQ	34.7810, -28.7990, 31.8490

Conversions

Conversions Part 2

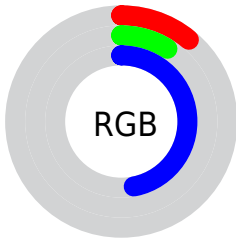
Format	Color
R_{YB}	27, 22, 121
Decimal	1775225
CIE Lab	16.44, 36.80, -54.42
CIE LCh	16, 65.694, 304.066
Yxy	2.1873, 0.1699, 0.0887
Android (android.graphics.Color)	4279965305 (0xFF1B1679)
YUV	34.7810, 42.5060, -6.8239
Hunter-Lab	14.7895, 24.6900, -62.9724




Details

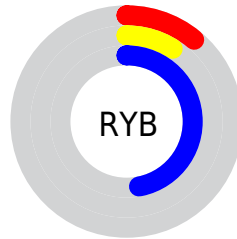
The Hex color **1B1679** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **747916**, and the grayscale version is **222222**.




A 20% lighter version of the original color is **5943AE**, and **000047** is the 20% darker color. If you saturate the color by 10%, you get **100A79**, and if you desaturate by 10%, it is **262279**.

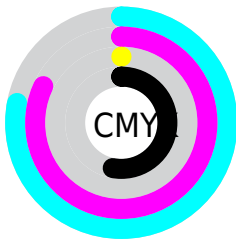
Distribution







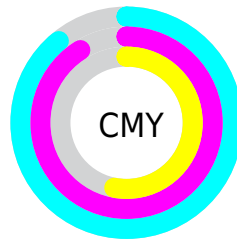
-  Red (11%)
-  Green (9%)
-  Blue (47%)






-  Red (11%)
-  Yellow (9%)
-  Blue (47%)



-  Cyan (78%)
-  Magenta (82%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (89%)
-  Magenta (91%)
-  Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B1679 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 1B1679 by changing the saturation by 10% instead.

■ 1B1679

■ 1B1679

■ FFFDFF

■ 00015F

■ 5943AE

■ 000047

■ 755BCA

■ 000430

■ 9174E7

■ 00011A

■ AD8EFF

■ 000000

■ CAA9FF

■ E7C4FF

■ FFE1FF

■ 1B1679

■ 1B1679

■ 100A79

■ 262279

■ 060079

■ 322E79

■ 3D3A79

■ 494679

■ 545279

■ 605F79

■ 6B6B79

■ 777779

■ 828379

Harmonies

Analogous

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



002F8A



1B1679



610053

Triad

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



1B1679



521100



00392E

Complementary

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



1B1679



747916

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.



003700



1B1679



2E2A00

Square

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



1B1679



6B0000



003300



003A5D

Rectangle

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



1B1679



700034



003300



00391E

Sweetspot

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



1B1679



79779E



167479



39374F



CFCFCF



4F4F4F

Same Dimension

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



1B1679



0B039E



4C1679



37373D



06007D



0D00FC

Inverse Universe

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



791674



9E0396



437916



3D373D



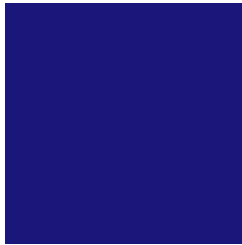
7D0077



FC00F0

Previews

White Background



This preview shows how the Hex color 1B1679 looks on a white background.

Color Contrast Check

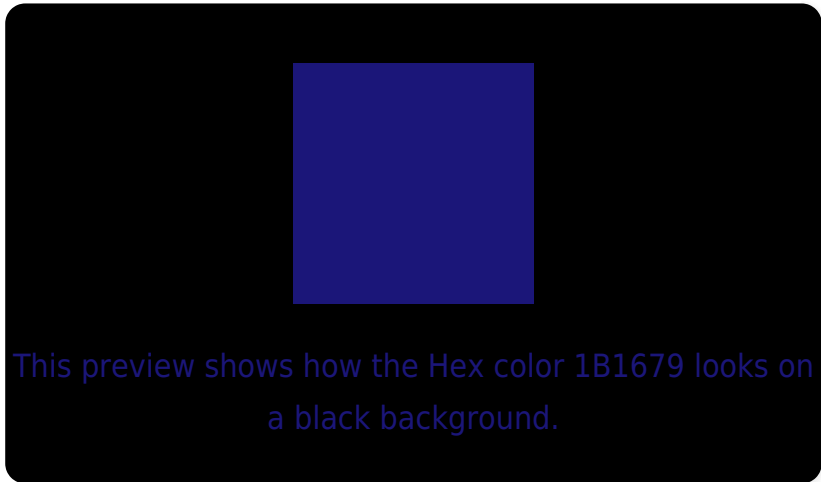
Large Text (above 18pt) WCAG AA ✓ Pass

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

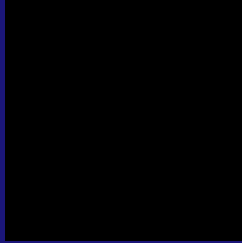
Any Text WCAG AA × Fail

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 1B1679 Background



This preview shows how black text looks on a background with the Hex color 1B1679.



This preview shows how white text looks on a background with the Hex color 1B1679.

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
1B1679

Protanopia
002855

Deuteranopia
002B48



Tritanopia
002F31

Trichromacy



Original Color
1B1679

Protanomaly
0A2162

Deuteranomaly
0A235A

Tritanomaly
0A264B

Monochromacy



Original Color
1B1679

Achromatopsia
232323

Achromatomaly
201E42

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B1679 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 #1B1679 looks like.

```
.text, #text, p{  
    color:#1B1679  
}
```

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 #1B1679 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B1679
}
```

Border

The CSS property to change the border of an element to Hex 1B1679 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
#1B1679 }
```

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

```
.border{ border-color:#1B1679 }
```

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

Here you see how a box with a 4 pixel #1B1679 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B1679; -webkit-box-shadow:4px 4px  
4px 4px #1B1679; box-shadow:4px 4px 4px  
4px #1B1679 }
```

Background

The CSS property to change the background color of an element to Hex 1B1679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B1679 }
```

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

```
.background{ background-color:#1B1679 }
```

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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