

Converting Colors

Hex(1B105B)

Have a look what the booklet for
Hex(1B105B) contains.

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Color

Hex(1B105B)

Conversions

Conversions Part 1

Format	Color
Hex	1B105B
RGB	27, 16, 91
RGB Percent	11%, 6%, 36%
CMY	0.8941, 0.9373, 0.6431
CMYK	0.70, 0.82, 0.00, 0.64
HSL	249°, 70%, 21%
HSV	249°, 82%, 36%
XYZ	2.5256, 1.3589, 10.0267
YIQ	27.8390, -17.5190, 25.6570

Conversions

Conversions Part 2

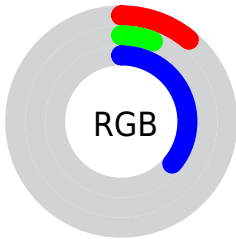
Format	Color
R_{YB}	27, 16, 91
Decimal	1773659
CIE _{Lab}	11.68, 29.89, -42.59
CIE _{LCh}	12, 52.029, 305.059
Yxy	1.3589, 0.1816, 0.0977
Android (android.graphics.Color)	4279963739 (0xFF1B105B)
YUV	27.8390, 31.1384, -0.7358
Hunter-Lab	11.6573, 18.2727, -42.8366




Details

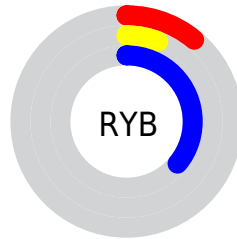
The Hex color **1B105B** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **505B10**, and the grayscale version is **1C1C1C**.




A 20% lighter version of the original color is **513C8E**, and **00032C** is the 20% darker color. If you saturate the color by 10%, you get **13075B**, and if you desaturate by 10%, it is **23195B**.

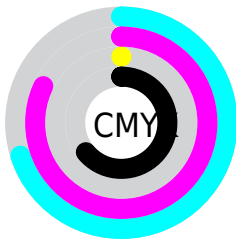
Distribution







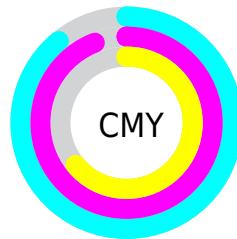
-  Red (11%)
-  Green (6%)
-  Blue (36%)






-  Red (11%)
-  Yellow (6%)
-  Blue (36%)



-  Cyan (70%)
-  Magenta (82%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (89%)
-  Magenta (94%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B105B 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 1B105B by changing the saturation by 10% instead.

 1B105B

 1B105B

 FFF3FF

 000043

 513C8E

 00032C

 6C54A9

 000116

 866CC4

 000000

 A286E1

 BEA0FE

 DABBFF

 F8D7FF

 1B105B

 1B105B

■ 13075B

■ 23195B

■ 0D005B

■ 2B225B

■ 322B5B

■ 3A345B

■ 423E5B

■ 4A475B

■ 51505B

■ 59595B

■ 61625B

Harmonies

Analogous

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



002369



1B105B



4B003E

Triad

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



1B105B



3E0F00



002D24

Complementary

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



1B105B



505B10

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.



002C00



1B105B



222000

Square

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



1B105B



520000



002700



002D48

Rectangle

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



1B105B



560026



002700



002D18

Sweetspot

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



1B105B



5C5875



10515B



2C293B



BABABA



3B3B3B

Same Dimension

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



1B105B



120175



40105B



2A292E



10006E



2300ED

Inverse Universe

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



5B1050



750164



2C5B10



2E292D



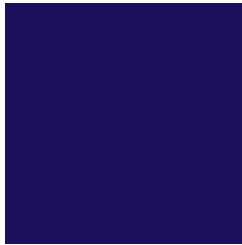
6E005E



ED00CA

Previews

White Background



This preview shows how the Hex color 1B105B looks on a white background.

Color Contrast Check

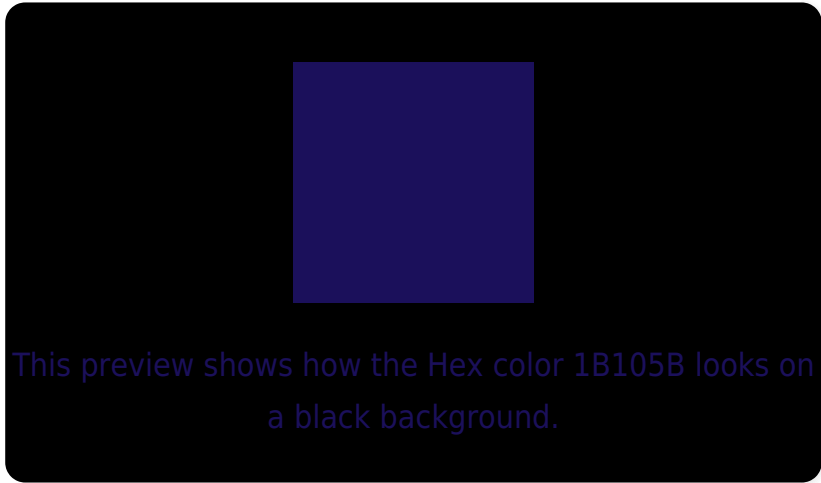
Large Text (above 18pt) WCAG AA ✓ Pass

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

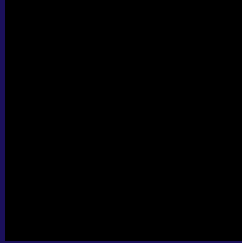
Any Text WCAG AA × Fail

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 1B105B Background



This preview shows how black text looks on a background with the Hex color 1B105B.



This preview shows how white text looks on a background with the Hex color 1B105B.

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
1B105B

Protanopia
001F42

Deuteranopia
002138

Trichromacy



Original Color
1B105B

Protanomaly
0A1A4B

Deuteranomaly
0A1B45

Tritanomaly
0A1D39

Monochromacy



Original Color
1B105B

Achromatopsia
1C1C1C

Achromatomaly
1C1833

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B105B 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 #1B105B looks like.

```
.text, #text, p{  
    color:#1B105B  
}
```

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 #1B105B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B105B
}
```

Border

The CSS property to change the border of an element to Hex 1B105B is called "border". The border property can be set on classes, ids or directly on the HTML element.

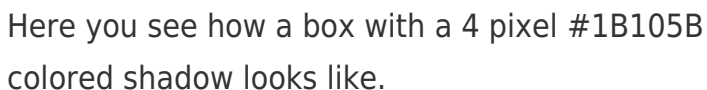
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1B105B }
```

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

```
.border{ border-color:#1B105B }
```

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



Here you see how a box with a 4 pixel #1B105B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B105B; -webkit-box-shadow:4px 4px  
4px 4px #1B105B; box-shadow:4px 4px 4px  
4px #1B105B }
```

Background

The CSS property to change the background color of an element to Hex 1B105B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B105B }
```

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

```
.background{ background-color:#1B105B }
```

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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