

Converting Colors

Hex(1B1B5E)

Have a look what the booklet for
Hex(1B1B5E) contains.

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Color

Hex(1B1B5E)

Conversions

Conversions Part 1

Format	Color
Hex	1B1B5E
RGB	27, 27, 94
RGB Percent	11%, 11%, 37%
CMY	0.8941, 0.8941, 0.6314
CMYK	0.71, 0.71, 0.00, 0.63
HSL	240°, 55%, 24%
HSV	240°, 71%, 37%
XYZ	2.8643, 1.8250, 10.7910
YIQ	34.6380, -21.5070, 20.8370

Conversions

Conversions Part 2

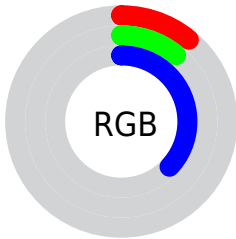
Format	Color
R_{YB}	27, 27, 94
Decimal	1776478
CIE _{Lab}	14.54, 23.95, -39.90
CIE _{LCh}	15, 46.536, 300.980
Yxy	1.8250, 0.1850, 0.1179
Android (android.graphics.Color)	4279966558 (0xFF1B1B5E)
YUV	34.6380, 29.2655, -6.6985
Hunter-Lab	13.5094, 14.2049, -37.9029

Details

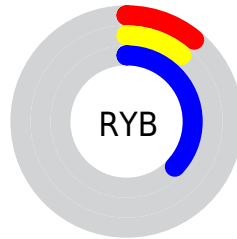
The Hex color **1B1B5E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5E5E1B**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **514791**, and **00032F** is the 20% darker color. If you saturate the color by 10%, you get **12125E**, and if you desaturate by 10%, it is **24245E**.

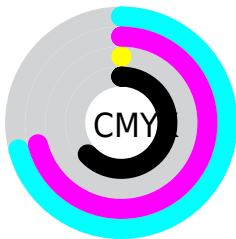
Distribution



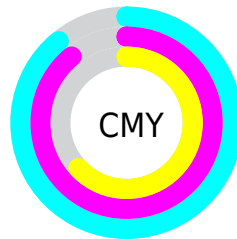
- Red (11%)
- Green (11%)
- Blue (37%)



- Red (11%)
- Yellow (11%)
- Blue (37%)



- Cyan (71%)
- Magenta (71%)
- Yellow (0%)
- Black (63%)



- Cyan (89%)
- Magenta (89%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B1B5E 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 1B1B5E by changing the saturation by 10% instead.

■ 1B1B5E

■ 1B1B5E

FFFFFF

■ 000446

■ 514791

■ 00032F

■ 6B5FAC

■ 000119

■ 8677C8

■ 000000

■ A191E4

■ BDACFF

■ DAC7FF

■ F7E3FF

■ 1B1B5E

■ 1B1B5E

■ 12125E

■ 24245E

■ 08085E

■ 2E2E5E

■ 00005E

■ 37375E

■ 41415E

■ 4A4A5E

■ 53535E

■ 5D5D5E

■ 66665E

■ 70705E

Harmonies

Analogous

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



002968



1B1B5E



4A0045

Triad

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



1B1B5E



471400



003125

Complementary

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



1B1B5E



5E5E1B

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.



003000



1B1B5E



2E2400

Square

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



1B1B5E



570000



092C00



003246

Rectangle

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



1B1B5E



570030



092C00



003119

Sweetspot

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



1B1B5E



61617A



1B5E5E



2E2E3D



BDBDBD



3D3D3D

Same Dimension

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



1B1B5E



11117A



3D1B5E



29292E



00006E



0000ED

Inverse Universe

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



5E1B5E



7A117A



3D5E1B



2E292E



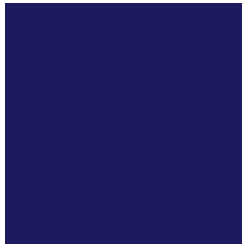
6E006E



ED00ED

Previews

White Background



This preview shows how the Hex color 1B1B5E looks on a white background.

Color Contrast Check

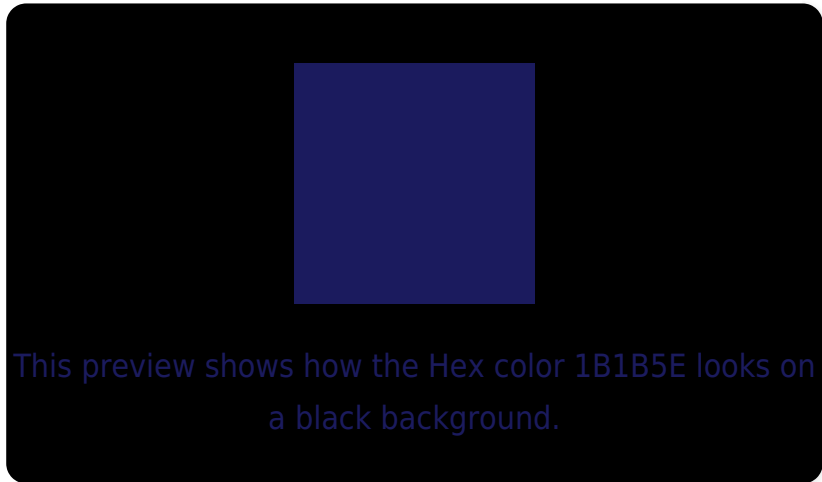
Large Text (above 18pt) WCAG AA ✓ Pass

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

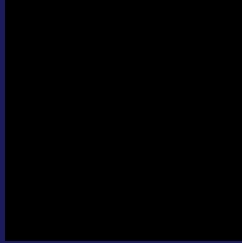
Any Text WCAG AA × Fail

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 1B1B5E Background



This preview shows how black text looks on a background with the Hex color 1B1B5E.



This preview shows how white text looks on a background with the Hex color 1B1B5E.

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
1B1B5E

Protanopia
00244C

Deuteranopia
002741

Trichromacy



Original Color
1B1B5E

Protanomaly
0A2153

Deuteranomaly
0A234C

Tritanomaly
0A253E

Monochromacy



Original Color
1B1B5E

Achromatopsia
232323

Achromatomaly
202038

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B1B5E 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 #1B1B5E looks like.

```
.text, #text, p{  
    color:#1B1B5E  
}
```

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 #1B1B5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B1B5E
}
```

Border

The CSS property to change the border of an element to Hex 1B1B5E 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".

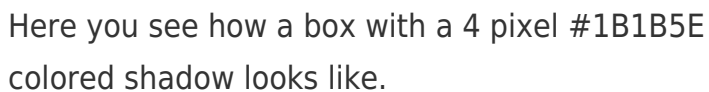
```
.border, #border, table{ border:4px solid
#1B1B5E }
```

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

```
.border{ border-color:#1B1B5E }
```

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

Here you see how a box with a 4 pixel #1B1B5E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B1B5E; -webkit-box-shadow:4px 4px  
4px 4px #1B1B5E; box-shadow:4px 4px 4px  
4px #1B1B5E }
```

Background

The CSS property to change the background color of an element to Hex 1B1B5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B1B5E }
```

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

```
.background{ background-color:#1B1B5E }
```

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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