

Converting Colors

Hex(1B132F)

Have a look what the booklet for
Hex(1B132F) contains.

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Color

Hex(1B132F)

Conversions

Conversions Part 1

Format	Color
Hex	1B132F
RGB	27, 19, 47
RGB Percent	11%, 7%, 18%
CMY	0.8941, 0.9255, 0.8157
CMYK	0.43, 0.60, 0.00, 0.82
HSL	257°, 42%, 13%
HSV	257°, 60%, 18%
XYZ	1.1980, 0.9040, 2.8007
YIQ	24.5840, -4.2200, 10.4040

Conversions

Conversions Part 2

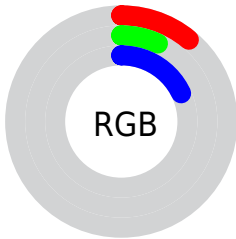
Format	Color
R_YB	27, 19, 47
Decimal	1774383
CIE Lab	8.16, 12.20, -17.37
CIE LCh	8, 21.232, 305.081
Yxy	0.9040, 0.2444, 0.1844
Android (android.graphics.Color)	4279964463 (0xFF1B132F)
YUV	24.5840, 11.0511, 2.1188
Hunter-Lab	9.5079, 5.8516, -10.8092

Details

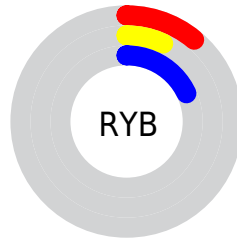
The Hex color **1B132F** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **272F13**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **483D5D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **180E2F**, and if you desaturate by 10%, it is **1E182F**.

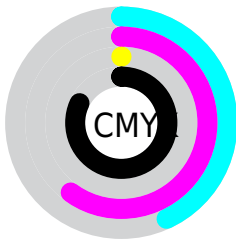
Distribution



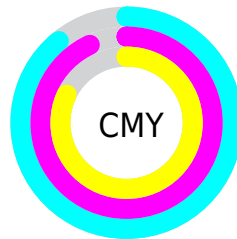
- Red (11%)
- Green (7%)
- Blue (18%)



- Red (11%)
- Yellow (7%)
- Blue (18%)



- Cyan (43%)
- Magenta (60%)
- Yellow (0%)
- Black (82%)



- Cyan (89%)
- Magenta (93%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B132F 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 1B132F by changing the saturation by 10% instead.

■ 1B132F

■ 1B132F

■ FFF3FF

■ 00001A

■ 483D5D

■ 000000

■ 605476

■ 796D90

■ 9386AA

■ AEA0C6

■ C9BBE2

■ E5D7FE

■ 1B132F

■ 1B132F

■ 180E2F

■ 1E182F

■ 140A2F

■ 221C2F

■ 11052F

■ 25212F

■ 0E002F

■ 28262F

■ 0D002F

■ 2C2B2F

■ 2F2F2F

■ 33342F

■ 36392F

■ 393D2F

Harmonies

Analogous

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



001934



1B132F



2A0C24

Triad

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



1B132F



291300



00201A

Complementary

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



1B132F



272F13

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.



001E07



1B132F



1D1800

Square

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



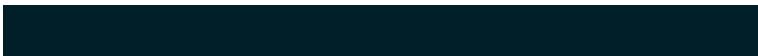
1B132F



300C01



0E1C00



001F28

Rectangle

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



1B132F



300A1B



0E1C00



001F15

Sweetspot

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



1B132F



35323D



13272F



1A181F



9E9E9E



1F1F1F

Same Dimension

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



1B132F



1E123D



29132F



151517



190057



3D00D6

Inverse Universe

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



2F1327



3D1231



192F13



171516



57003E



D60099

Previews

White Background



This preview shows how the Hex color 1B132F looks on a white background.

Color Contrast Check

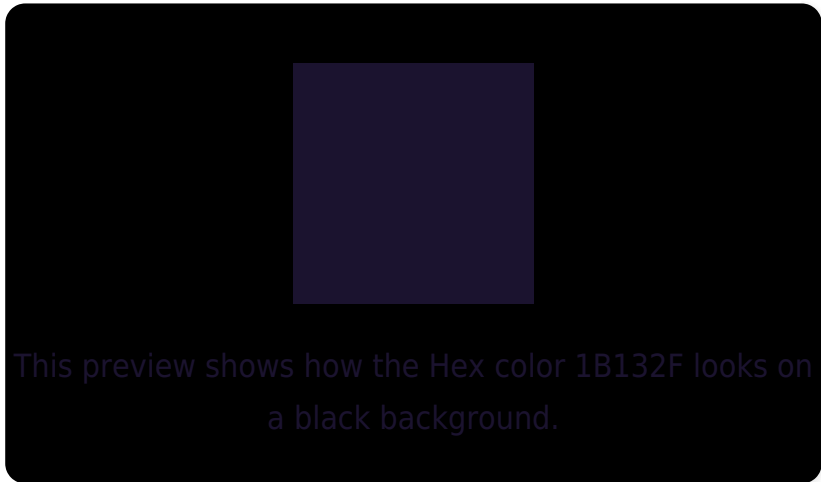
Large Text (above 18pt) WCAG AA ✓ Pass

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

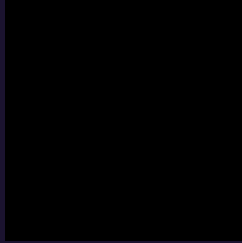
Any Text WCAG AA × Fail

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 1B132F Background



This preview shows how black text looks on a background with the Hex color 1B132F.



This preview shows how white text looks on a background with the Hex color 1B132F.

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
1B132F

Protanopia
001732

Deuteranopia
00192C



Tritanopia
16191B

Trichromacy



Original Color
1B132F

Protanomaly
0A1631

Deuteranomaly
0A172D

Tritanomaly
181722

Monochromacy



Original Color
1B132F

Achromatopsia
191919

Achromatomaly
1A1721

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B132F 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 #1B132F looks like.

```
.text, #text, p{  
    color:#1B132F  
}
```

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 #1B132F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B132F
}
```

Border

The CSS property to change the border of an element to Hex 1B132F 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".

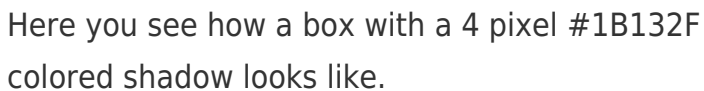
```
.border, #border, table{ border:4px solid
#1B132F }
```

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

```
.border{ border-color:#1B132F }
```

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

Here you see how a box with a 4 pixel #1B132F colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B132F; -webkit-box-shadow:4px 4px  
4px 4px #1B132F; box-shadow:4px 4px 4px  
4px #1B132F }
```

Background

The CSS property to change the background color of an element to Hex 1B132F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B132F }
```

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

```
.background{ background-color:#1B132F }
```

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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