

Converting Colors

Hex(1B102A)

Have a look what the booklet for
Hex(1B102A) contains.

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Color

Hex(1B102A)

Conversions

Conversions Part 1

Format	Color
Hex	1B102A
RGB	27, 16, 42
RGB Percent	11%, 6%, 16%
CMY	0.8941, 0.9373, 0.8353
CMYK	0.36, 0.62, 0.00, 0.84
HSL	265°, 45%, 11%
HSV	265°, 62%, 16%
XYZ	1.0552, 0.7708, 2.2836
YIQ	22.2530, -1.7900, 10.4180

Conversions

Conversions Part 2

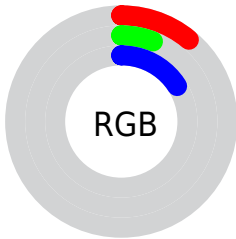
Format	Color
RYB	27, 16, 42
Decimal	1773610
CIELab	6.96, 12.57, -15.57
CIELCh	7, 20.005, 308.915
Yxy	0.7708, 0.2568, 0.1876
Android (android.graphics.Color)	4279963690 (0xFF1B102A)
YUV	22.2530, 9.7353, 4.1631
Hunter-Lab	8.7793, 6.0905, -9.2768

Details

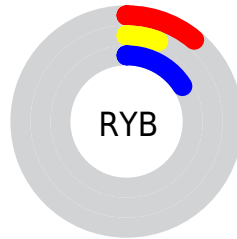
The Hex color **1B102A** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **1F2A10**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **473A58**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **190C2A**, and if you desaturate by 10%, it is **1D142A**.

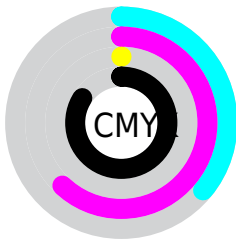
Distribution



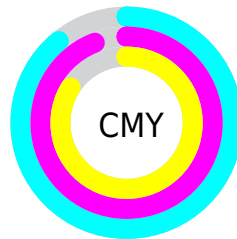
- Red (11%)
- Green (6%)
- Blue (16%)



- Red (11%)
- Yellow (6%)
- Blue (16%)



- Cyan (36%)
- Magenta (62%)
- Yellow (0%)
- Black (84%)



- Cyan (89%)
- Magenta (94%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B102A 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 1B102A by changing the saturation by 10% instead.

■ 1B102A

■ 1B102A

■ FFEFFF

■ 000115

■ 473A58

■ 000000

■ 5F5170

■ 78698A

■ 9282A4

■ AD9DBF

■ C8B7DB

■ E4D3F7

■ 1B102A

■ 1B102A

■ 190C2A

■ 1D142A

■ 16082A

■ 20182A

■ 14032A

■ 221D2A

■ 12002A

■ 25212A

■ 27252A

■ 2A292A

■ 2C2D2A

■ 2E322A

■ 31362A

Harmonies

Analogous

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



01162F



1B102A



280A1F

Triad

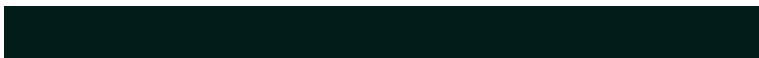
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1B102A



241100



001D19

Complementary

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



1B102A



1F2A10

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.



001C07



1B102A



191600

Square

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



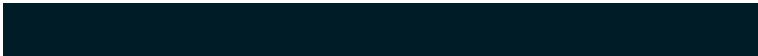
1B102A



2C0B00



061A00



001C26

Rectangle

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



1B102A



2C0816



061A00



001D14

Sweetspot

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



1B102A



302B36



101F2A



18161C



9C9C9C



1C1C1C

Same Dimension

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



1B102A



1F0E36



28102A



131214



240054



5A00D4

Inverse Universe

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



2A101F



360E25



122A10



141214



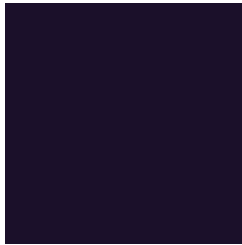
540031



D4007A

Previews

White Background



This preview shows how the Hex color 1B102A looks on a white background.

Color Contrast Check

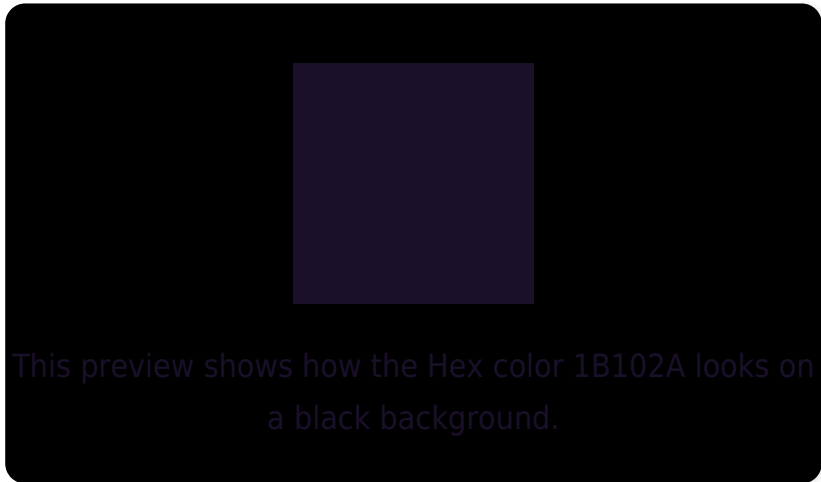
Large Text (above 18pt) WCAG AA ✓ Pass

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

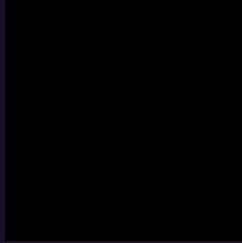
Any Text WCAG AA × Fail

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 1B102A Background



This preview shows how black text looks on a background with the Hex color 1B102A.



This preview shows how white text looks on a background with the Hex color 1B102A.

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
1B102A

Protanopia
00152D

Deuteranopia
001628



Tritanopia
171517

Trichromacy



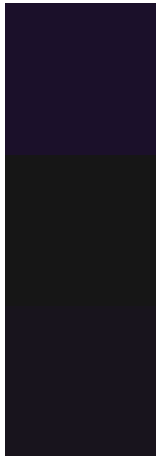
Original Color
1B102A

Protanomaly
0A132C

Deuteranomaly
0A1429

Tritanomaly
18131E

Monochromacy



Original Color
1B102A

Achromatopsia
161616

Achromatomaly
18141D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B102A 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 #1B102A looks like.

```
.text, #text, p{  
    color:#1B102A  
}
```

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 #1B102A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B102A
}
```

Border

The CSS property to change the border of an element to Hex 1B102A 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
#1B102A }
```

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

```
.border{ border-color:#1B102A }
```

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

Here you see how a box with a 4 pixel #1B102A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B102A; -webkit-box-shadow:4px 4px  
4px 4px #1B102A; box-shadow:4px 4px 4px  
4px #1B102A }
```

Background

The CSS property to change the background color of an element to Hex 1B102A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B102A }
```

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

```
.background{ background-color:#1B102A }
```

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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