Converting Colors

Hex(1A1B2B)

Have a look what the booklet for Hex(1A1B2B) contains.

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Color

Hex(1A1B2B)

Conversions

Conversions Part 1

Format	Color
Hex	1A1B2B
RGB	26, 27, 43
RGB Percent	10%, 11%, 17%
CMY	0.8980, 0.8941, 0.8314
CMYK	0.40, 0.37, 0.00, 0.83
HSL	236°, 25%, 14%
HSV	236°, 40%, 17%
XYZ	1.2540, 1.1779, 2.4468
YIQ	28.5250, -5.7320, 4.7640

Conversions

Conversions Part 2

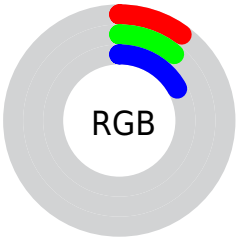
Format	Color
RYB	26, 27, 43
Decimal	1710891
CIELab	10.39, 4.38, -10.93
CIELCh	10, 11.778, 291.843
Yxy	1.1779, 0.2570, 0.2414
Android (android.graphics.Color)	4279900971 (0xFF1A1B2B)
YUV	28.5250, 7.1362, -2.2144
Hunter-Lab	10.8531, 1.6312, -5.7694

Details

The Hex color 1A1B2B is a dark color, and the websafe version is hex 000000. A complement of this color would be 2B2A1A, and the grayscale version is 1C1C1C.

A 20% lighter version of the original color is 464658, and 000000 is the 20% darker color. If you saturate the color by 10%, you get 16172B, and if you desaturate by 10%, it is 1E1F2B.

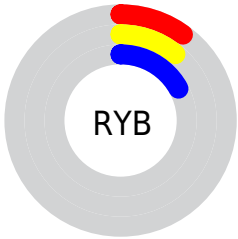
Distribution



Red (10%)

Green (11%)

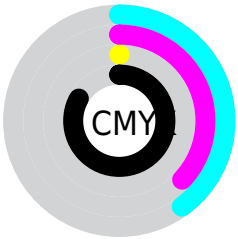
Blue (17%)



Red (10%)

Yellow (11%)

Blue (17%)

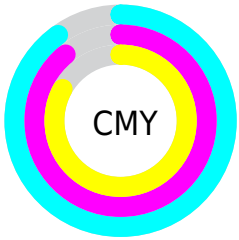


Cyan (40%)

Magenta (37%)

Yellow (0%)

Black (83%)



Cyan (90%)

Magenta (89%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A1B2B 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 1A1B2B by changing the saturation by 10% instead.

1A1B2B	1A1B2B
FFFEFF	000017
464658	000000
5E5E71	
76768A	
9090A5	
ABAAC0	
C6C6DC	
E2E2F8	

1A1B2B	1A1B2B

16172B

11132B

0D0F2B

090B2B

04072B

00032B

1E1F2B

23232B

27272B

2B2B2B

302F2B

34332B

38372B

3C3B2B

413F2B

Harmonies

Analogous

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

0D1E2C

1A1B2B

241826

Triad

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

1A1B2B

29180F

08201A

Complementary

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

1A1B2B

2B2A1A

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.

131F12

1A1B2B

241B09

Square

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

1A1B2B

2C1617

1C1E0B

012022

Rectangle

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

1A1B2B

291721

1C1E0B

0C2017

Sweetspot

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

1A1B2B

313238

1A2B2A

18181C

9C9C9C

1C1C1C

Same Dimension

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

1A1B2B

1E1F38

211A2B

121214

000554

000CD4

Inverse Universe

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

2B1A1B

381E1F

242B1A

141212

540005

D4000C

Previews

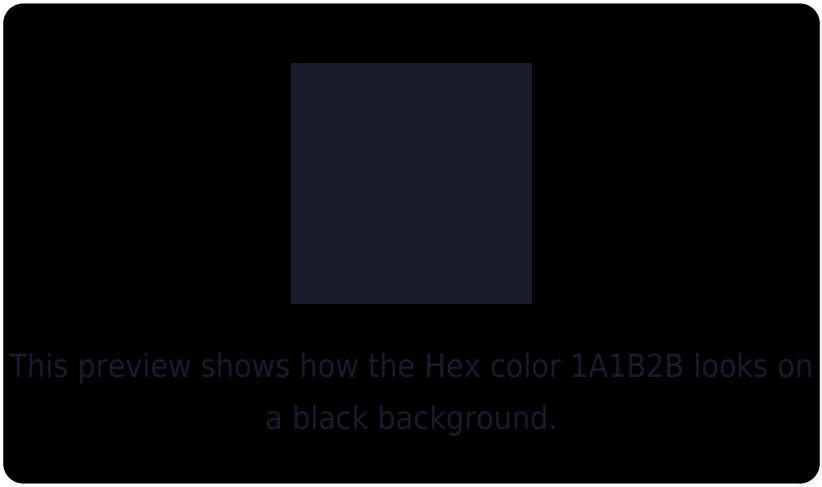
White Background

This preview shows how the Hex color 1A1B2B 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

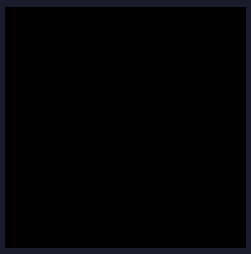


Color Contrast Check

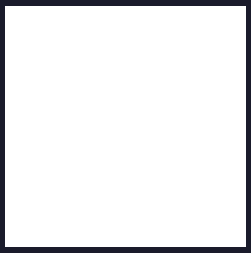
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 1A1B2B Background



This preview shows how black text looks on a background with the Hex color 1A1B2B.



This preview shows how white text looks on a background with the Hex color 1A1B2B.

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
1A1B2B

Protanopia
171C2C

Deuteranopia
161C2B

Tritanopia
171D20

Trichromacy

Original Color
1A1B2B

Protanomaly
181C2C

Deuteranomaly
171C2B

Tritanomaly
181C24

Monochromacy

Original Color
1A1B2B

Achromatopsia
1D1D1D

Achromatomaly
1C1C22

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A1B2B 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 #1A1B2B looks like.

```
.text, #text, p{
    color:#1A1B2B
}
```

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 #1A1B2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A1B2B
}
```

Border

The CSS property to change the border of an element to Hex 1A1B2B 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
#1A1B2B }
```

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

```
.border{ border-color:#1A1B2B }
```

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

Here you see how a box with a 4 pixel #1A1B2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #1A1B2B; -webkit-box-shadow:4px 4px 4px 4px #1A1B2B; box-shadow:4px 4px 4px 4px #1A1B2B }
```

Background

The CSS property to change the background color of an element to Hex 1A1B2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#1A1B2B }
```

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

```
.background{ background-color:#1A1B2B }
```

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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