

Converting Colors

Hex(1B2C46)

Have a look what the booklet for
Hex(1B2C46) contains.

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Color

Hex(1B2C46)

Conversions

Conversions Part 1

Format	Color
Hex	1B2C46
RGB	27, 44, 70
RGB Percent	11%, 17%, 27%
CMY	0.8941, 0.8275, 0.7255
CMYK	0.61, 0.37, 0.00, 0.73
HSL	216°, 44%, 19%
HSV	216°, 61%, 27%
XYZ	2.4582, 2.4766, 6.1428
YIQ	41.8810, -18.4780, 4.4820

Conversions

Conversions Part 2

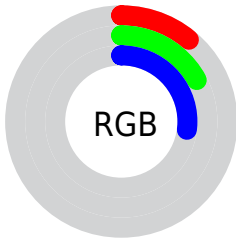
Format	Color
R_{YB}	27, 39, 70
Decimal	1780806
CIE _{Lab}	17.81, 2.12, -18.41
CIE _{LCh}	18, 18.531, 276.571
Yxy	2.4766, 0.2219, 0.2236
Android (android.graphics.Color)	4279970886 (0xFF1B2C46)
YUV	41.8810, 13.8627, -13.0506
Hunter-Lab	15.7371, 0.3420, -12.1272

Details

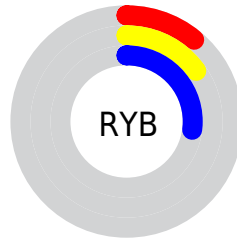
The Hex color **1B2C46** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **46351B**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **4A5977**, and **00011B** is the 20% darker color. If you saturate the color by 10%, you get **142846**, and if you desaturate by 10%, it is **223046**.

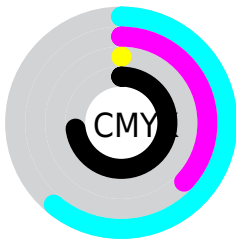
Distribution



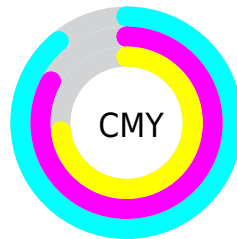
- Red (11%)
- Green (17%)
- Blue (27%)



- Red (11%)
- Yellow (15%)
- Blue (27%)



- Cyan (61%)
- Magenta (37%)
- Yellow (0%)
- Black (73%)



- Cyan (89%)
- Magenta (83%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B2C46 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 1B2C46 by changing the saturation by 10% instead.

■ 1B2C46

■ 1B2C46

FFFFFF

■ 03182F

■ 4A5977

■ 00011B

■ 637290

■ 000000

■ 7D8BAB

■ 97A5C6

■ B2C1E2

■ CEDCFF

■ EAF9FF

■ 1B2C46

■ 1B2C46

■ 142846

■ 223046

■ 0D2446

■ 293446

■ 061F46

■ 303946

■ 001C46

■ 373D46

■ 3E4146

■ 454546

■ 4C4A46

■ 534E46

■ 5A5246

Harmonies

Analogous

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



003044



1B2C46



312741

Triad

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



1B2C46



43231C



113221

Complementary

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



1B2C46



46351B

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.



232F15



1B2C46



3C2713

Square

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



1B2C46



452129



312C10



00322E

Rectangle

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



1B2C46



3B243A



312C10



18311C

Sweetspot

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



1B2C46



4B525C



1B4635



24282E



ADADAD



2E2E2E

Same Dimension

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



1B2C46



18335C



1F1B46



202224



002763



005AE3

Inverse Universe

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



461B2C



5C1833



42461B



242022



630027



E3005A

Previews

White Background



This preview shows how the Hex color 1B2C46 looks on a white background.

Color Contrast Check

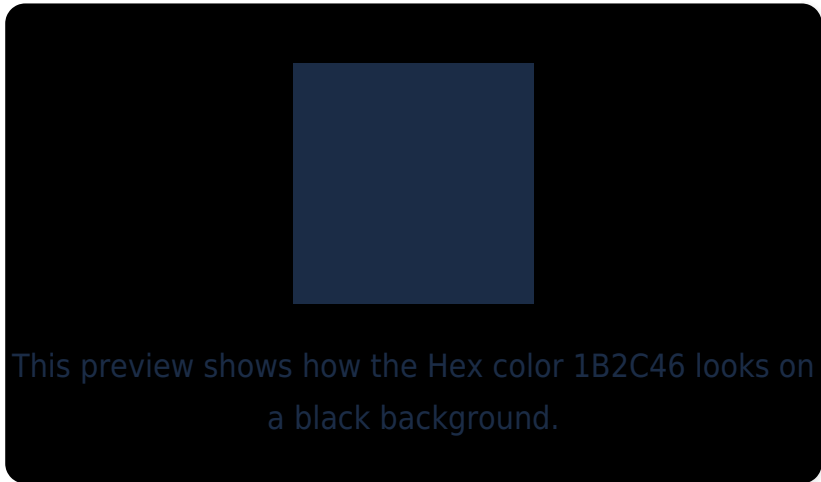
Large Text (above 18pt) WCAG AA ✓ Pass

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

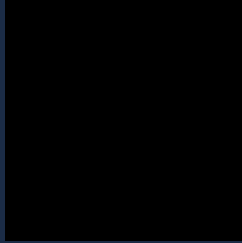
Any Text WCAG AA × Fail

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 1B2C46 Background



This preview shows how black text looks on a background with the Hex color 1B2C46.



This preview shows how white text looks on a background with the Hex color 1B2C46.

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
1B2C46

Protanopia
222B45

Deuteranopia
1C2C46



Tritanopia
123034

Trichromacy



Original Color
1B2C46

Protanomaly
1F2B45

Deuteranomaly
1C2C46

Tritanomaly
152F3B

Monochromacy



Original Color
1B2C46

Achromatopsia
2A2A2A

Achromatomaly
252B34

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B2C46 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 #1B2C46 looks like.

```
.text, #text, p{  
    color:#1B2C46  
}
```

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 #1B2C46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B2C46
}
```

Border

The CSS property to change the border of an element to Hex 1B2C46 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
#1B2C46 }
```

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

```
.border{ border-color:#1B2C46 }
```

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

Here you see how a box with a 4 pixel #1B2C46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B2C46; -webkit-box-shadow:4px 4px  
4px 4px #1B2C46; box-shadow:4px 4px 4px  
4px #1B2C46 }
```

Background

The CSS property to change the background color of an element to Hex 1B2C46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B2C46 }
```

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

```
.background{ background-color:#1B2C46 }
```

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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