

Converting Colors

Hex(1B2D51)

Have a look what the booklet for
Hex(1B2D51) contains.

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Color

Hex(1B2D51)

Conversions

Conversions Part 1

Format	Color
Hex	1B2D51
RGB	27, 45, 81
RGB Percent	11%, 18%, 32%
CMY	0.8941, 0.8235, 0.6824
CMYK	0.67, 0.44, 0.00, 0.68
HSL	220°, 50%, 21%
HSV	220°, 67%, 32%
XYZ	2.8756, 2.7039, 8.1549
YIQ	43.7220, -22.2840, 7.3800

Conversions

Conversions Part 2

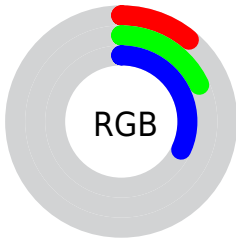
Format	Color
R_{YB}	27, 41, 81
Decimal	1781073
CIE Lab	18.82, 5.73, -24.28
CIE LCh	19, 24.942, 283.276
Yxy	2.7039, 0.2094, 0.1969
Android (android.graphics.Color)	4279971153 (0xFF1B2D51)
YUV	43.7220, 18.3781, -14.6652
Hunter-Lab	16.4434, 2.4396, -17.8937

Details

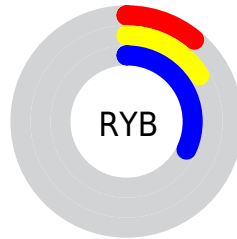
The Hex color **1B2D51** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **513F1B**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **4D5A83**, and **000224** is the 20% darker color. If you saturate the color by 10%, you get **132851**, and if you desaturate by 10%, it is **233251**.

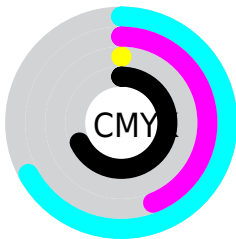
Distribution



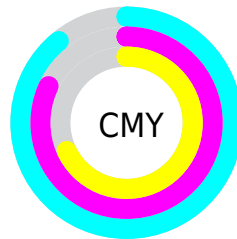
- Red (11%)
- Green (18%)
- Blue (32%)



- Red (11%)
- Yellow (16%)
- Blue (32%)



- Cyan (67%)
- Magenta (44%)
- Yellow (0%)
- Black (68%)



- Cyan (89%)
- Magenta (82%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B2D51 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 1B2D51 by changing the saturation by 10% instead.

■ 1B2D51

■ 1B2D51

FFFFFF

■ 00193A

■ 4D5A83

■ 000224

■ 66739D

■ 00000C

■ 808CB8

■ 000000

■ 9AA7D4

■ B6C2F0

■ D2DEFF

■ EEFAFF

■ 1B2D51

■ 1B2D51

■ 132851

■ 233251

■ 0B2251

■ 2B3851

■ 031D51

■ 333D51

■ 001B51

■ 3B4351

■ 444851

■ 4C4D51

■ 545351

■ 5C5851

■ 645E51

Harmonies

Analogous

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



003350



1B2D51



392648

Triad

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



1B2D51



4B2216



003623

Complementary

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



1B2D51



513F1B

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.



1C3412



1B2D51



402908

Square

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



1B2D51



4F1D26



302F06



003735

Rectangle

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



1B2D51



45213E



302F06



06351D

Sweetspot

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



1B2D51



545B69



1B513F



292D36



B5B5B5



363636

Same Dimension

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



1B2D51



153169



241B51



252629



002369



004DE8

Inverse Universe

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



511B2D



691531



48511B



292526



690023



E8004D

Previews

White Background



This preview shows how the Hex color 1B2D51 looks on a white background.

Color Contrast Check

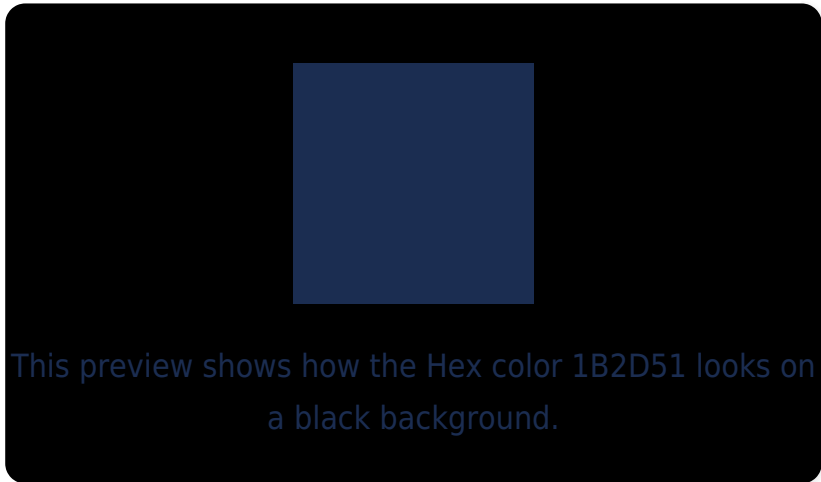
Large Text (above 18pt) WCAG AA ✓ Pass

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

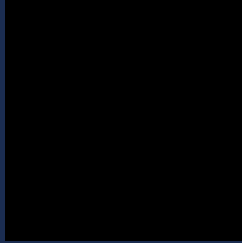
Any Text WCAG AA × Fail

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 1B2D51 Background



This preview shows how black text looks on a background with the Hex color 1B2D51.



This preview shows how white text looks on a background with the Hex color 1B2D51.

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


1B2D51

Protanopia

1D2D51

Deuteranopia

102E51



Tritanopia
083337

Trichromacy



Original Color
1B2D51

Protanomaly
1C2D51

Deuteranomaly
142E51

Tritanomaly
0F3140

Monochromacy



Original Color
1B2D51

Achromatopsia
2C2C2C

Achromatomaly
262C39

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B2D51 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 #1B2D51 looks like.

```
.text, #text, p{  
    color:#1B2D51  
}
```

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 #1B2D51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B2D51
}
```

Border

The CSS property to change the border of an element to Hex 1B2D51 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
#1B2D51 }
```

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

```
.border{ border-color:#1B2D51 }
```

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

Here you see how a box with a 4 pixel #1B2D51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B2D51; -webkit-box-shadow:4px 4px  
4px 4px #1B2D51; box-shadow:4px 4px 4px  
4px #1B2D51 }
```

Background

The CSS property to change the background color of an element to Hex 1B2D51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B2D51 }
```

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

```
.background{ background-color:#1B2D51 }
```

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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