

Converting Colors

Hex(1C2A4B)

Have a look what the booklet for
Hex(1C2A4B) contains.

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Color

Hex(1C2A4B)

Conversions

Conversions Part 1

Format	Color
Hex	1C2A4B
RGB	28, 42, 75
RGB Percent	11%, 16%, 29%
CMY	0.8902, 0.8353, 0.7059
CMYK	0.63, 0.44, 0.00, 0.71
HSL	222°, 46%, 20%
HSV	222°, 63%, 29%
XYZ	2.5769, 2.4108, 6.9861
YIQ	41.5760, -18.9370, 7.2950

Conversions

Conversions Part 2

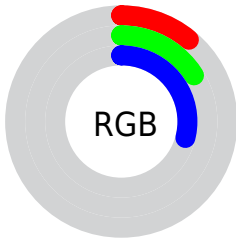
Format	Color
RYB	28, 39, 75
Decimal	1845835
CIELab	17.51, 5.76, -22.29
CIELCh	18, 23.024, 284.500
Yxy	2.4108, 0.2152, 0.2013
Android (android.graphics.Color)	4280035915 (0xFF1C2A4B)
YUV	41.5760, 16.4780, -11.9062
Hunter-Lab	15.5268, 2.4524, -15.8083

Details

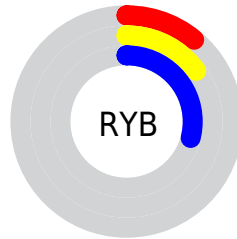
The Hex color **1C2A4B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4B3D1C**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **4C577C**, and **00021F** is the 20% darker color. If you saturate the color by 10%, you get **14254B**, and if you desaturate by 10%, it is **232F4B**.

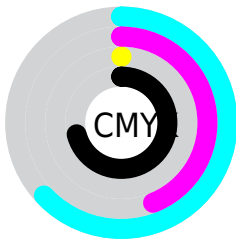
Distribution



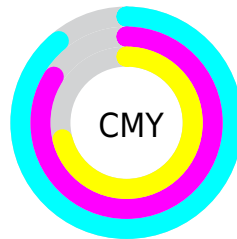
- Red (11%)
- Green (16%)
- Blue (29%)



- Red (11%)
- Yellow (15%)
- Blue (29%)



- Cyan (63%)
- Magenta (44%)
- Yellow (0%)
- Black (71%)



- Cyan (89%)
- Magenta (84%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C2A4B 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 1C2A4B by changing the saturation by 10% instead.

■ 1C2A4B

■ 1C2A4B

FFFFFF

■ 021634

■ 4C577C

■ 00021F

■ 656F96

■ 000002

■ 7F89B1

■ 000000

■ 99A3CC

■ B4BEE9

■ D0DAFF

■ EDF6FF

■ 1C2A4B

■ 1C2A4B

■ 14254B

■ 232F4B

■ 0D1F4B

■ 2B354B

■ 051A4B

■ 333A4B

■ 00164B

■ 3A3F4B

■ 42444B

■ 494A4B

■ 514F4B

■ 58544B

■ 60594B

Harmonies

Analogous

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



002F4B



1C2A4B



362343

Triad

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



1C2A4B



462114



003322

Complementary

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



1C2A4B



4B3D1C

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.



1A3012



1C2A4B



3B2708

Square

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



1C2A4B



4A1C24



2D2D07



003333

Rectangle

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



1C2A4B



411F39



2D2D07



07321C

Sweetspot

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



1C2A4B



4E5461



1C4B3D



252930



B0B0B0



303030

Same Dimension

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



1C2A4B



182E61



251C4B



222426



001E66



0044E6

Inverse Universe

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



4B1C2A



61182E



424B1C



262224



66001E



E60044

Previews

White Background



This preview shows how the Hex color 1C2A4B looks on a white background.

Color Contrast Check

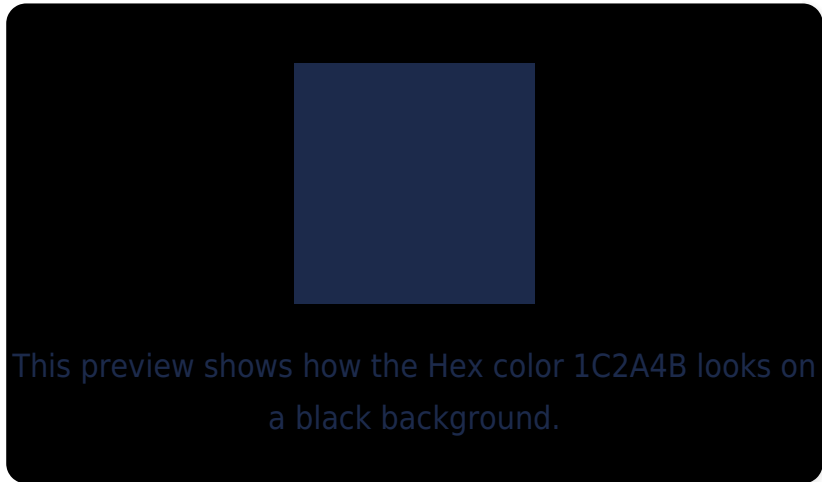
Large Text (above 18pt) WCAG AA ✓ Pass

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

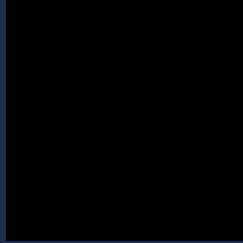
Any Text WCAG AA × Fail

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 1C2A4B Background



This preview shows how black text looks on a background with the Hex color 1C2A4B.



This preview shows how white text looks on a background with the Hex color 1C2A4B.

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
1C2A4B

Protanopia
1C2A4B

Deuteranopia
122C4B



Tritanopia
102F33

Trichromacy



Original Color

1C2A4B

Protanomaly

1C2A4B

Deuteranomaly

162B4B

Tritanomaly

142D3C

Monochromacy



Original Color

1C2A4B

Achromatopsia

2A2A2A

Achromatomaly

252A36

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C2A4B 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 #1C2A4B looks like.

```
.text, #text, p{  
    color:#1C2A4B  
}
```

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 #1C2A4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C2A4B
}
```

Border

The CSS property to change the border of an element to Hex 1C2A4B 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
#1C2A4B }
```

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

```
.border{ border-color:#1C2A4B }
```

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

Here you see how a box with a 4 pixel #1C2A4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C2A4B; -webkit-box-shadow:4px 4px  
4px 4px #1C2A4B; box-shadow:4px 4px 4px  
4px #1C2A4B }
```

Background

The CSS property to change the background color of an element to Hex 1C2A4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C2A4B }
```

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

```
.background{ background-color:#1C2A4B }
```

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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