

Converting Colors

Hex(1C1F4A)

Have a look what the booklet for
Hex(1C1F4A) contains.

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Color

Hex(1C1F4A)

Conversions

Conversions Part 1

Format	Color
Hex	1C1F4A
RGB	28, 31, 74
RGB Percent	11%, 12%, 29%
CMY	0.8902, 0.8784, 0.7098
CMYK	0.62, 0.58, 0.00, 0.71
HSL	236°, 45%, 20%
HSV	236°, 62%, 29%
XYZ	2.2049, 1.7213, 6.6946
YIQ	35.0050, -15.5910, 12.7370

Conversions

Conversions Part 2

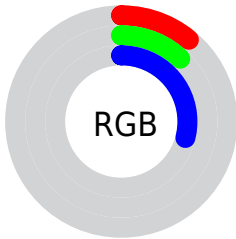
Format	Color
R_{YB}	28, 31, 74
Decimal	1843018
CIE _{Lab}	13.95, 13.50, -27.30
CIE _{LCh}	14, 30.455, 296.318
Yxy	1.7213, 0.2076, 0.1621
Android (android.graphics.Color)	4280033098 (0xFF1C1F4A)
YUV	35.0050, 19.2245, -6.1434
Hunter-Lab	13.1197, 7.0394, -21.0702

Details

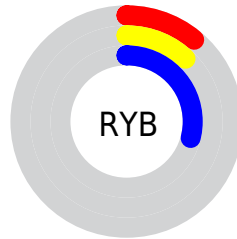
The Hex color **1C1F4A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4A471C**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **4D4B7B**, and **00021E** is the 20% darker color. If you saturate the color by 10%, you get **15184A**, and if you desaturate by 10%, it is **23264A**.

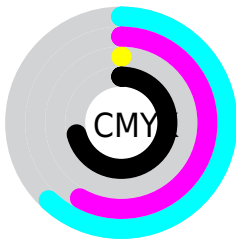
Distribution



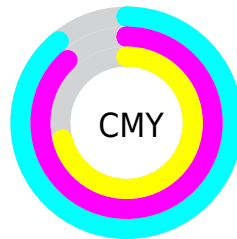
- Red (11%)
- Green (12%)
- Blue (29%)



- Red (11%)
- Yellow (12%)
- Blue (29%)



- Cyan (62%)
- Magenta (58%)
- Yellow (0%)
- Black (71%)



- Cyan (89%)
- Magenta (88%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C1F4A 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 1C1F4A by changing the saturation by 10% instead.

■ 1C1F4A

■ 1C1F4A

FFFFFF

■ 050833

■ 4D4B7B

■ 00021E

■ 666295

■ 000000

■ 7F7BB0

■ 9A95CC

■ B5B0E8

■ D1CBFF

■ EEE7FF

■ 1C1F4A

■ 1C1F4A

■ 15184A

■ 23264A

■ 0D114A

■ 2B2D4A

■ 060A4A

■ 32344A

■ 00054A

■ 3A3B4A

■ 41424A

■ 48494A

■ 504F4A

■ 57564A

■ 5F5D4A

Harmonies

Analogous

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



00274E



1C1F4A



3A143B

Triad

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



1C1F4A



3F1800



002D20

Complementary

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



1C1F4A



4A471C

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.



002B07



1C1F4A



302200

Square

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



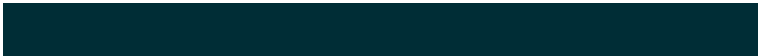
1C1F4A



480E12



1C2800



002D36

Rectangle

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



1C1F4A



440D2E



1C2800



002C19

Sweetspot

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



1C1F4A



4E5061



1C4A47



252630



B0B0B0



303030

Same Dimension

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



1C1F4A



181D61



301C4A



222326



000766



000FE6

Inverse Universe

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



4A1C1F



61181D



364A1C



262223



660007



E6000F

Previews

White Background



This preview shows how the Hex color 1C1F4A looks on a white background.

Color Contrast Check

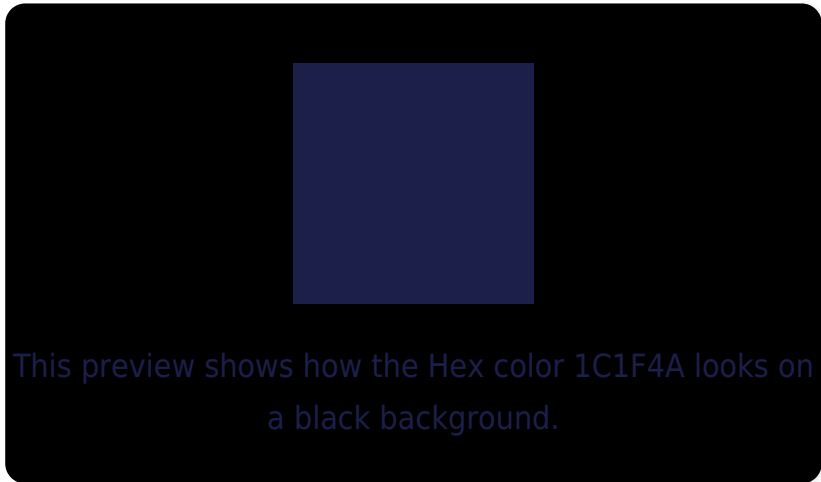
Large Text (above 18pt) WCAG AA ✓ Pass

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

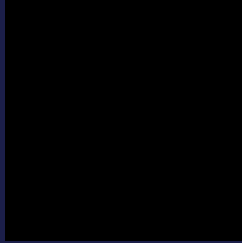
Any Text WCAG AA × Fail

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 1C1F4A Background



This preview shows how black text looks on a background with the Hex color 1C1F4A.



This preview shows how white text looks on a background with the Hex color 1C1F4A.

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
1C1F4A

Protanopia
002349

Deuteranopia
00253F



Tritanopia
0B272B

Trichromacy



Original Color
1C1F4A

Protanomaly
0A2249

Deuteranomaly
0A2343

Tritanomaly
112436

Monochromacy



Original Color
1C1F4A

Achromatopsia
232323

Achromatomaly
202231

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C1F4A 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 #1C1F4A looks like.

```
.text, #text, p{  
    color:#1C1F4A  
}
```

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 #1C1F4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C1F4A
}
```

Border

The CSS property to change the border of an element to Hex 1C1F4A is called "border". The border property can be set on classes, ids or directly on the HTML element.

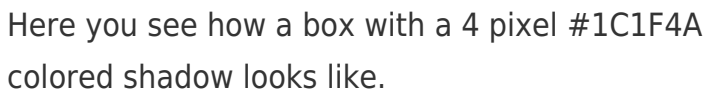
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C1F4A }
```

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

```
.border{ border-color:#1C1F4A }
```

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



Here you see how a box with a 4 pixel #1C1F4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C1F4A; -webkit-box-shadow:4px 4px  
4px 4px #1C1F4A; box-shadow:4px 4px 4px  
4px #1C1F4A }
```

Background

The CSS property to change the background color of an element to Hex 1C1F4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C1F4A }
```

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

```
.background{ background-color:#1C1F4A }
```

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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