

Converting Colors

Hex(1C2F4A)

Have a look what the booklet for
Hex(1C2F4A) contains.

Hex(1C2F4A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1C2F4A)

Conversions

Conversions Part 1

Format	Color
Hex	1C2F4A
RGB	28, 47, 74
RGB Percent	11%, 18%, 29%
CMY	0.8902, 0.8157, 0.7098
CMYK	0.62, 0.36, 0.00, 0.71
HSL	215°, 45%, 20%
HSV	215°, 62%, 29%
XYZ	2.7314, 2.7743, 6.8701
YIQ	44.3970, -19.9910, 4.3690

Conversions

Conversions Part 2

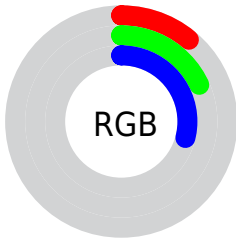
Format	Color
R_{YB}	28, 41, 74
Decimal	1847114
CIE Lab	19.12, 1.79, -19.08
CIE LCh	19, 19.160, 275.353
Yxy	2.7743, 0.2207, 0.2242
Android (android.graphics.Color)	4280037194 (0xFF1C2F4A)
YUV	44.3970, 14.5943, -14.3802
Hunter-Lab	16.6563, 0.1234, -12.7955

Details

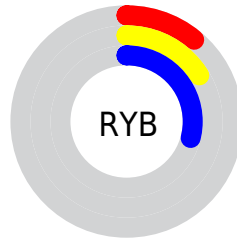
The Hex color **1C2F4A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4A371C**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **4C5D7B**, and **00021E** is the 20% darker color. If you saturate the color by 10%, you get **152B4A**, and if you desaturate by 10%, it is **23334A**.

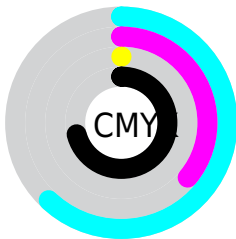
Distribution



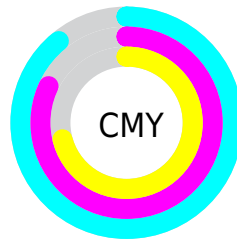
- Red (11%)
- Green (18%)
- Blue (29%)



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



- Cyan (62%)
- Magenta (36%)
- Yellow (0%)
- Black (71%)



- Cyan (89%)
- Magenta (82%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C2F4A 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 1C2F4A by changing the saturation by 10% instead.

■ 1C2F4A

■ 1C2F4A

FFFFFF

■ 031A33

■ 4C5D7B

■ 00021E

■ 657595

■ 000001

■ 7E8FAF

■ 000000

■ 99A9CB

■ B4C4E7

■ D0E0FF

■ ECFDFF

■ 1C2F4A

■ 1C2F4A

■ 152B4A

■ 23334A

■ 0D264A

■ 2B384A

■ 06224A

■ 323C4A

■ 001F4A

■ 3A404A

■ 41454A

■ 48494A

■ 504D4A

■ 57524A

■ 5F564A

Harmonies

Analogous

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



003347



1C2F4A



332A45

Triad

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



1C2F4A



47251F



133522

Complementary

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



1C2F4A



4A371C

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.



263217



1C2F4A



402A15

Square

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



1C2F4A



48232C



352E12



003631

Rectangle

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



1C2F4A



3E263E



352E12



1A341E

Sweetspot

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



1C2F4A



4E5661



1C4A37



252A30



B0B0B0



303030

Same Dimension

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



1C2F4A



183661



201C4A



222426



002A66



005FE6

Inverse Universe

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



4A1C2F



611836



464A1C



262224



66002A



E6005F

Previews

White Background



This preview shows how the Hex color 1C2F4A 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

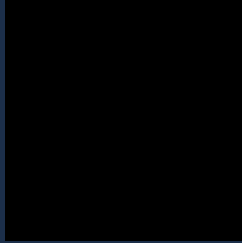
Any Text WCAG AA × Fail

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 1C2F4A Background



This preview shows how black text looks on a background with the Hex color 1C2F4A.



This preview shows how white text looks on a background with the Hex color 1C2F4A.

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

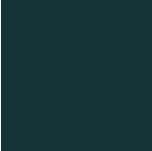
1C2F4A

Protanopia

242E49

Deuteranopia

1F2F4A



Tritanopia
133337

Trichromacy



Original Color

1C2F4A

Protanomaly

212E49

Deuteranomaly

1E2F4A

Tritanomaly

16323E

Monochromacy



Original Color

1C2F4A

Achromatopsia

2C2C2C

Achromatomaly

262D37

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C2F4A 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 #1C2F4A looks like.

```
.text, #text, p{  
    color:#1C2F4A  
}
```

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 #1C2F4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C2F4A
}
```

Border

The CSS property to change the border of an element to Hex 1C2F4A 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
#1C2F4A }
```

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

```
.border{ border-color:#1C2F4A }
```

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

Here you see how a box with a 4 pixel #1C2F4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C2F4A; -webkit-box-shadow:4px 4px  
4px 4px #1C2F4A; box-shadow:4px 4px 4px  
4px #1C2F4A }
```

Background

The CSS property to change the background color of an element to Hex 1C2F4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C2F4A }
```

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

```
.background{ background-color:#1C2F4A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor