

Converting Colors

Hex(1C404D)

Have a look what the booklet for
Hex(1C404D) contains.

Hex(1C404D)	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(1C404D)

Conversions

Conversions Part 1

Format	Color
Hex	1C404D
RGB	28, 64, 77
RGB Percent	11%, 25%, 30%
CMY	0.8902, 0.7490, 0.6980
CMYK	0.64, 0.17, 0.00, 0.70
HSL	196°, 47%, 21%
HSV	196°, 64%, 30%
XYZ	3.6518, 4.4495, 7.6875
YIQ	54.7180, -25.6290, -3.5890

Conversions

Conversions Part 2

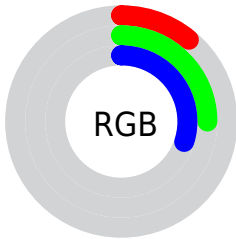
Format	Color
RYB	28, 49, 77
Decimal	1851469
CIELab	25.11, -8.46, -11.79
CIElCh	25, 14.512, 234.345
Yxy	4.4495, 0.2313, 0.2818
Android (android.graphics.Color)	4280041549 (0xFF1C404D)
YUV	54.7180, 10.9850, -23.4317
Hunter-Lab	21.0938, -6.0116, -6.8423

Details

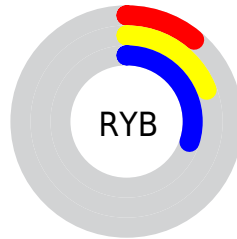
The Hex color **1C404D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4D291C**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **4D707E**, and **001621** is the 20% darker color. If you saturate the color by 10%, you get **143E4D**, and if you desaturate by 10%, it is **24424D**.

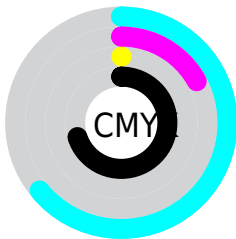
Distribution



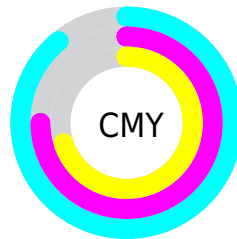
- Red (11%)
- Green (25%)
- Blue (30%)



- Red (11%)
- Yellow (19%)
- Blue (30%)



- Cyan (64%)
- Magenta (17%)
- Yellow (0%)
- Black (70%)



- Cyan (89%)
- Magenta (75%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C404D 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 1C404D by changing the saturation by 10% instead.

■ 1C404D

■ 1C404D

FFFFFF

■ 012A36

■ 4D707E

■ 001621

■ 668998

■ 000008

■ 80A3B3

■ 000000

■ 9BBFCE

■ B6DAEA

■ D2F7FF

■ EFFFFFF

■ 1C404D

■ 1C404D

■ 143E4D

■ 24424D

■ 0D3C4D

■ 2B444D

■ 053A4D

■ 33464D

■ 00394D

■ 3B484D

■ 424A4D

■ 4A4C4D

■ 524E4D

■ 5A504D

■ 61524D

Harmonies

Analogous

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



184144



1C404D



2A3D51

Triad

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



1C404D



50343E



3A3E27

Complementary

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



1C404D



4D291C

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.



453A26



1C404D



513433

Square

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



1C404D



483648



4E362A



2D402E

Rectangle

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



1C404D



353B51



4E362A



3E3D26

Sweetspot

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



1C404D



515E63



1C4D28



273033



B3B3B3



333333

Same Dimension

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



1C404D



184F63



1C284D



222526



004B66



00A9E6

Inverse Universe

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



4D1C40



63184F



4D411C



262225



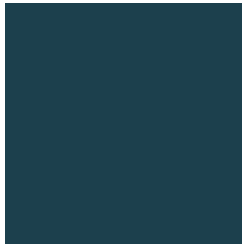
66004B



E600A9

Previews

White Background



This preview shows how the Hex color 1C404D looks on a white background.

Color Contrast Check

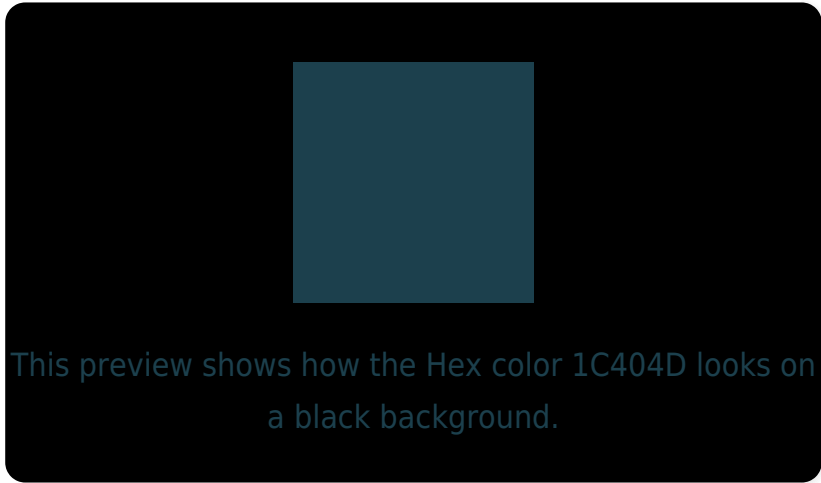
Large Text (above 18pt) WCAG AA ✓ Pass

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

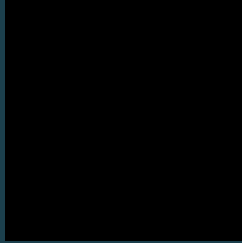
Any Text WCAG AA × Fail

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 1C404D Background



This preview shows how black text looks on a background with the Hex color 1C404D.



This preview shows how white text looks on a background with the Hex color 1C404D.

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](#).

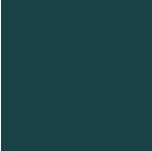
Dichromacy



Original Color
1C404D

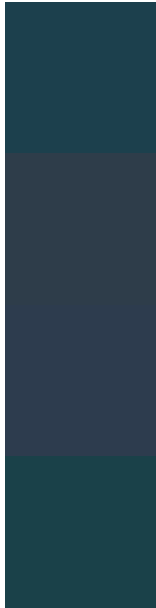
Protanopia
383B49

Deuteranopia
373A4E



Tritanopia
194146

Trichromacy



Original Color
1C404D

Protanomaly
2E3D4A

Deuteranomaly
2D3C4E

Tritanomaly
1A4149

Monochromacy



Original Color
1C404D

Achromatopsia
373737

Achromatomaly
2D3A3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C404D 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 #1C404D looks like.

```
.text, #text, p{  
    color:#1C404D  
}
```

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 #1C404D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C404D
}
```

Border

The CSS property to change the border of an element to Hex 1C404D 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
#1C404D }
```

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

```
.border{ border-color:#1C404D }
```

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

Here you see how a box with a 4 pixel #1C404D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C404D; -webkit-box-shadow:4px 4px  
4px 4px #1C404D; box-shadow:4px 4px 4px  
4px #1C404D }
```

Background

The CSS property to change the background color of an element to Hex 1C404D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C404D }
```

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

```
.background{ background-color:#1C404D }
```

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