

Converting Colors

Hex(1C4647)

Have a look what the booklet for
Hex(1C4647) contains.

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Color

Hex(1C4647)

Conversions

Conversions Part 1

Format	Color
Hex	1C4647
RGB	28, 70, 71
RGB Percent	11%, 27%, 28%
CMY	0.8902, 0.7255, 0.7216
CMYK	0.61, 0.01, 0.00, 0.72
HSL	181°, 43%, 19%
HSV	181°, 61%, 28%
XYZ	3.8064, 5.0821, 6.7416
YIQ	57.5560, -25.3530, -8.5930

Conversions

Conversions Part 2

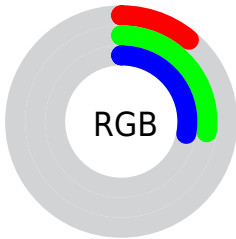
Format	Color
RYB	28, 49, 71
Decimal	1852999
CIELab	26.97, -14.14, -5.04
CIELCh	27, 15.011, 199.619
Yxy	5.0821, 0.2435, 0.3252
Android (android.graphics.Color)	4280043079 (0xFF1C4647)
YUV	57.5560, 6.6279, -25.9206
Hunter-Lab	22.5436, -9.3123, -1.9499

Details

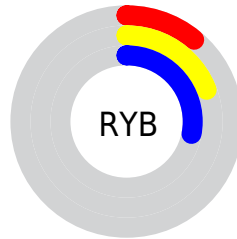
The Hex color **1C4647** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **471D1C**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **4D7777**, and **001B1C** is the 20% darker color. If you saturate the color by 10%, you get **154647**, and if you desaturate by 10%, it is **234647**.

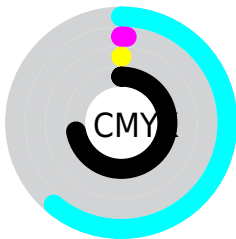
Distribution



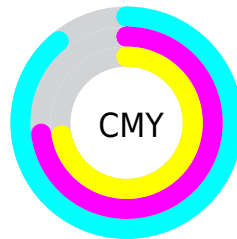
- Red (11%)
- Green (27%)
- Blue (28%)



- Red (11%)
- Yellow (19%)
- Blue (28%)



- Cyan (61%)
- Magenta (1%)
- Yellow (0%)
- Black (72%)



- Cyan (89%)
- Magenta (73%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Hex color 1C4647 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 1C4647 by changing the saturation by 10% instead.

 1C4647

 1C4647

FFFFFF

 012F31

 4D7777

 001B1C

 669091

 000000

 80ABAB

 9BC6C7

 B6E2E3

 D2FFFF

 EEEFFF

 1C4647

 1C4647

■ 154647

■ 234647

■ 0E4647

■ 2A4647

■ 074647

■ 314647

■ 004547

■ 384747

■ 404747

■ 474747

■ 4E4747

■ 554747

■ 5C4747

Harmonies

Analogous

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



26463B



1C4647



1D4551

Triad

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



1C4647



4A3A4F



4B3E29

Complementary

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



1C4647



471D1C

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.



543A2F



1C4647



543844

Square

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



1C4647



3C3E55



573739



40412A

Rectangle

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



1C4647



264355



573739



4F3C2A

Sweetspot

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



1C4647



4B5B5C



1C471D



242E2E



ADADAD



2E2E2E

Same Dimension

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



1C4647



195A5C



1C3147



202424



006163



00DEE3

Inverse Universe

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



471C46



5C195A



47321C



242024



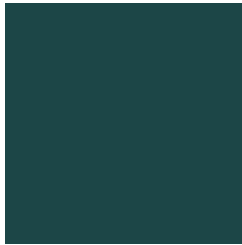
630061



E300DE

Previews

White Background



This preview shows how the Hex color 1C4647 looks on a white background.

Color Contrast Check

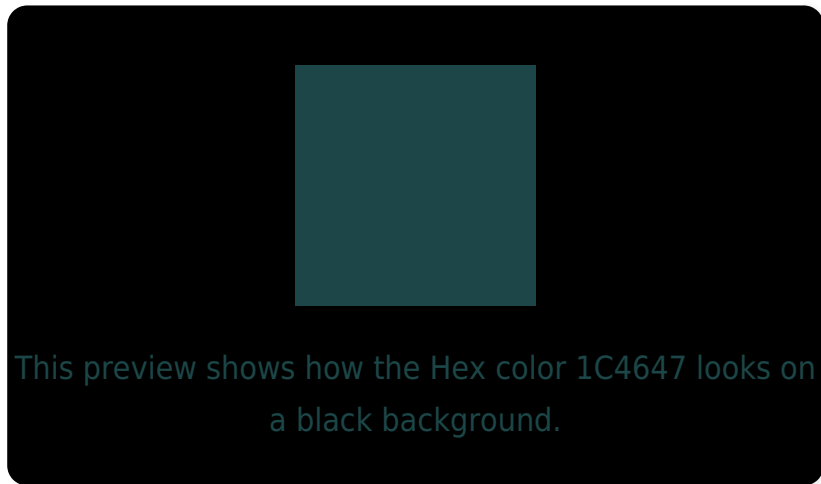
Large Text (above 18pt) WCAG AA ✓ Pass

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

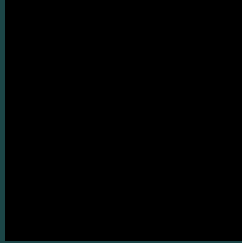
Any Text WCAG AA × Fail

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 1C4647 Background



This preview shows how black text looks on a background with the Hex color 1C4647.



This preview shows how white text looks on a background with the Hex color 1C4647.

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
1C4647

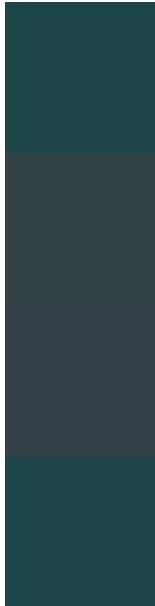
Protanopia
403F43

Deuteranopia
413E49



Tritanopia
1E454B

Trichromacy



Original Color
1C4647

Protanomaly
334244

Deuteranomaly
344148

Tritanomaly
1D454A

Monochromacy



Original Color
1C4647

Achromatopsia
3A3A3A

Achromatomaly
2F3E3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C4647 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 #1C4647 looks like.

```
.text, #text, p{  
    color:#1C4647  
}
```

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 #1C4647 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C4647
}
```

Border

The CSS property to change the border of an element to Hex 1C4647 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
#1C4647 }
```

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

```
.border{ border-color:#1C4647 }
```

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

Here you see how a box with a 4 pixel #1C4647 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C4647; -webkit-box-shadow:4px 4px  
4px 4px #1C4647; box-shadow:4px 4px 4px  
4px #1C4647 }
```

Background

The CSS property to change the background color of an element to Hex 1C4647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C4647 }
```

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

```
.background{ background-color:#1C4647 }
```

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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