

Converting Colors

Hex(1C4A47)

Have a look what the booklet for
Hex(1C4A47) contains.

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Color

Hex(1C4A47)

Conversions

Conversions Part 1

Format	Color
Hex	1C4A47
RGB	28, 74, 71
RGB Percent	11%, 29%, 28%
CMY	0.8902, 0.7098, 0.7216
CMYK	0.62, 0.00, 0.04, 0.71
HSL	176°, 45%, 20%
HSV	176°, 62%, 29%
XYZ	4.0650, 5.5994, 6.8278
YIQ	59.9040, -26.4530, -10.6850

Conversions

Conversions Part 2

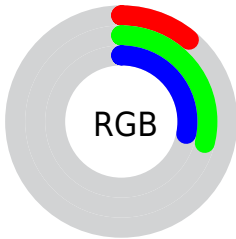
Format	Color
R_{YB}	28, 52, 74
Decimal	1854023
CIE Lab	28.38, -16.43, -2.94
CIE LCh	28, 16.693, 190.156
Yxy	5.5994, 0.2465, 0.3395
Android (android.graphics.Color)	4280044103 (0xFF1C4A47)
YUV	59.9040, 5.4703, -27.9798
Hunter-Lab	23.6630, -10.7462, -0.5436

Details

The Hex color **1C4A47** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4A1C1F**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4E7B77**, and **001E1C** is the 20% darker color. If you saturate the color by 10%, you get **154A47**, and if you desaturate by 10%, it is **234A47**.

Distribution



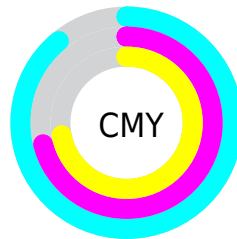
- Red (11%)
- Green (29%)
- Blue (28%)



- Red (11%)
- Yellow (20%)
- Blue (29%)



- Cyan (62%)
- Magenta (0%)
- Yellow (4%)
- Black (71%)



- Cyan (89%)
- Magenta (71%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C4A47 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 1C4A47 by changing the saturation by 10% instead.

■ 1C4A47

■ 1C4A47

FFFFFF

■ 003331

■ 4E7B77

■ 001E1C

■ 679591

■ 000000

■ 81B0AB

■ 9BCBC7

■ B7E7E3

■ D3FFFF

■ EFFFFFF

■ 1C4A47

■ 1C4A47

■ 154A47

■ 234A47

■ 0D4A46

■ 2B4A48

■ 064A46

■ 324A48

■ 004A45

■ 3A4A49

■ 414A49

■ 484A4A

■ 504A4A

■ 574A4B

■ 5F4A4B

Harmonies

Analogous

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



2A493A



1C4A47



184953

Triad

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



1C4A47



4A3E57



533F2B

Complementary

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



1C4A47



4A1C1F

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.



5B3B33



1C4A47



573A4C

Square

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



1C4A47



38435C



5C393F



474429

Rectangle

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



1C4A47



1F4859



5C393F



563E2D

Sweetspot

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



1C4A47



4E6160



1F4A1C



253030



B0B0B0



303030

Same Dimension

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



1C4A47



18615C



1C364A



222626



00665F



00E6D7

Inverse Universe

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



4A1C1F



61181D



4A301C



262223



660007



E6000F

Previews

White Background



This preview shows how the Hex color 1C4A47 looks on a white background.

Color Contrast Check

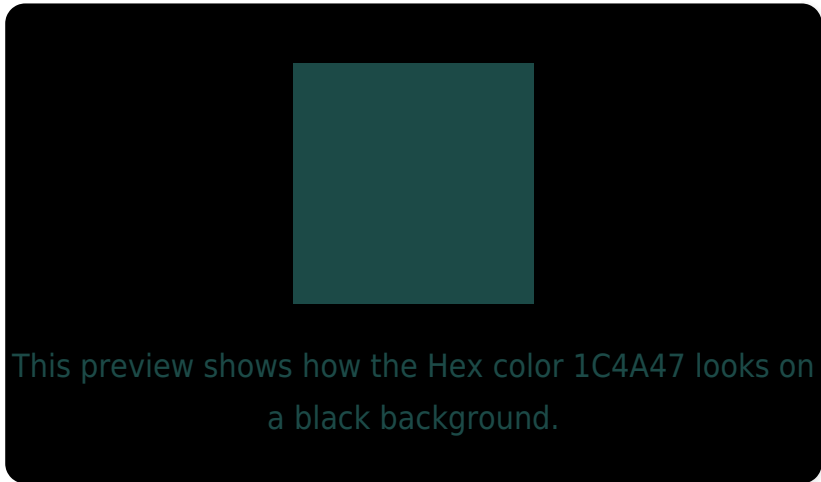
Large Text (above 18pt) WCAG AA ✓ Pass

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

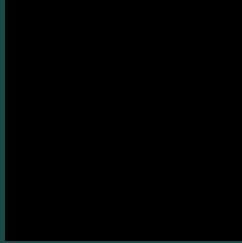
Any Text WCAG AA × Fail

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 1C4A47 Background



This preview shows how black text looks on a background with the Hex color 1C4A47.



This preview shows how white text looks on a background with the Hex color 1C4A47.

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
1C4A47

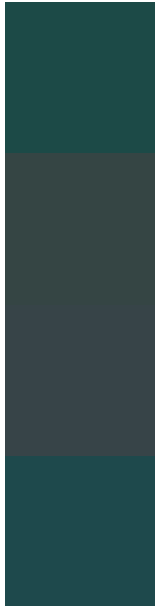
Protanopia
444243

Deuteranopia
464149



Tritanopia
1F494F

Trichromacy



Original Color
1C4A47

Protanomaly
354544

Deuteranomaly
374448

Tritanomaly
1E494C

Monochromacy



Original Color
1C4A47

Achromatopsia
3C3C3C

Achromatomaly
304140

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C4A47 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 #1C4A47 looks like.

```
.text, #text, p{  
    color:#1C4A47  
}
```

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 #1C4A47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C4A47
}
```

Border

The CSS property to change the border of an element to Hex 1C4A47 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
#1C4A47 }
```

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

```
.border{ border-color:#1C4A47 }
```

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

Here you see how a box with a 4 pixel #1C4A47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C4A47; -webkit-box-shadow:4px 4px  
4px 4px #1C4A47; box-shadow:4px 4px 4px  
4px #1C4A47 }
```

Background

The CSS property to change the background color of an element to Hex 1C4A47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C4A47 }
```

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

```
.background{ background-color:#1C4A47 }
```

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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