

Converting Colors

Hex(1C4E4E)

Have a look what the booklet for
Hex(1C4E4E) contains.

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Color

Hex(1C4E4E)

Conversions

Conversions Part 1

Format	Color
Hex	1C4E4E
RGB	28, 78, 78
RGB Percent	11%, 31%, 31%
CMY	0.8902, 0.6941, 0.6941
CMYK	0.64, 0.00, 0.00, 0.69
HSL	180°, 47%, 21%
HSV	180°, 64%, 31%
XYZ	4.5784, 6.2457, 8.1720
YIQ	63.0500, -29.8000, -10.6000

Conversions

Conversions Part 2

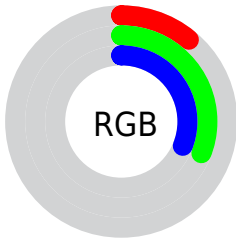
Format	Color
R_{YB}	28, 53, 78
Decimal	1855054
CIE _{Lab}	30.02, -16.45, -5.01
CIE _{LCh}	30, 17.199, 196.939
Yxy	6.2457, 0.2410, 0.3288
Android (android.graphics.Color)	4280045134 (0xFF1C4E4E)
YUV	63.0500, 7.3704, -30.7388
Hunter-Lab	24.9914, -11.0338, -1.8933

Details

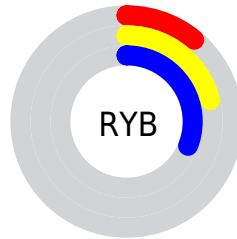
The Hex color **1C4E4E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4E1C1C**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **4F7F7F**, and **002122** is the 20% darker color. If you saturate the color by 10%, you get **144E4E**, and if you desaturate by 10%, it is **244E4E**.

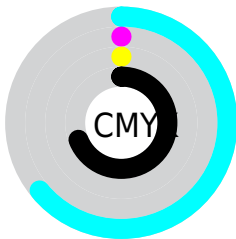
Distribution



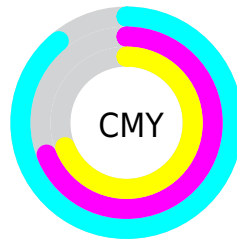
- Red (11%)
- Green (31%)
- Blue (31%)



- Red (11%)
- Yellow (21%)
- Blue (31%)



- Cyan (64%)
- Magenta (0%)
- Yellow (0%)
- Black (69%)



- Cyan (89%)
- Magenta (69%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C4E4E 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 1C4E4E by changing the saturation by 10% instead.



1C4E4E



1C4E4E

FFFFFF



003737



4F7F7F



002122



689999



00010C



82B4B4



000000



9DD0CF



B9ECEB



D5FFFF



F2FFFF



1C4E4E



1C4E4E

■ 144E4E

■ 244E4E

■ 0C4E4E

■ 2C4E4E

■ 054E4E

■ 334E4E

■ 004E4E

■ 3B4E4E

■ 434E4E

■ 4B4E4E

■ 534E4E

■ 5A4E4E

■ 624E4E

Harmonies

Analogous

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



294E40



1C4E4E



1C4D5A

Triad

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



1C4E4E



524159



55442D

Complementary

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



1C4E4E



4E1C1C

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.



5E4034



1C4E4E



5D3D4D

Square

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



1C4E4E



404560



613D40



48482D

Rectangle

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



1C4E4E



254B5F



613D40



59422E

Sweetspot

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



1C4E4E



536666



1C4E1C



273333



B3B3B3



333333

Same Dimension

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



1C4E4E



176666



1C354E



222626



006666



00E6E6

Inverse Universe

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



4E1C4E



661766



4E351C



262226



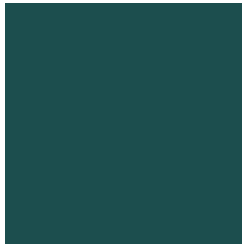
660066



E600E6

Previews

White Background



This preview shows how the Hex color 1C4E4E looks on a white background.

Color Contrast Check

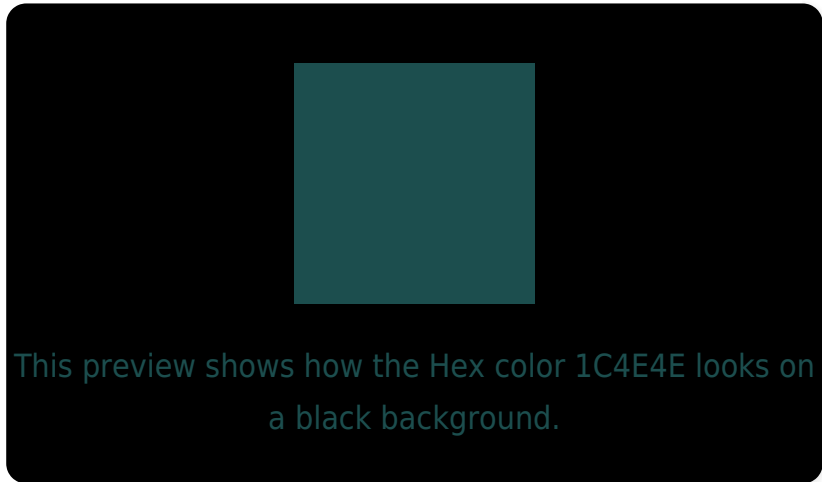
Large Text (above 18pt) WCAG AA ✓ Pass

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

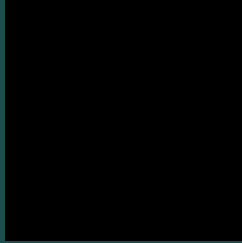
Any Text WCAG AA × Fail

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 1C4E4E Background



This preview shows how black text looks on a background with the Hex color 1C4E4E.



This preview shows how white text looks on a background with the Hex color 1C4E4E.

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
1C4E4E

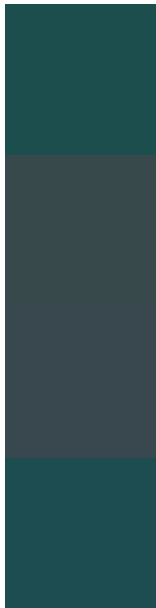
Protanopia
474649

Deuteranopia
494550



Tritanopia
1F4D53

Trichromacy



Original Color
1C4E4E

Protanomaly
37494B

Deuteranomaly
39484F

Tritanomaly
1E4D51

Monochromacy



Original Color
1C4E4E

Achromatopsia
3F3F3F

Achromatomaly
324444

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C4E4E 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 #1C4E4E looks like.

```
.text, #text, p{  
    color:#1C4E4E  
}
```

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 #1C4E4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C4E4E
}
```

Border

The CSS property to change the border of an element to Hex 1C4E4E 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".

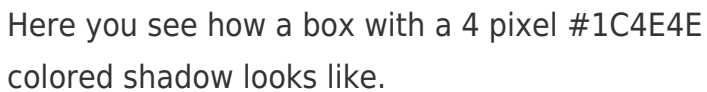
```
.border, #border, table{ border:4px solid
#1C4E4E }
```

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

```
.border{ border-color:#1C4E4E }
```

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

Here you see how a box with a 4 pixel #1C4E4E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C4E4E; -webkit-box-shadow:4px 4px  
4px 4px #1C4E4E; box-shadow:4px 4px 4px  
4px #1C4E4E }
```

Background

The CSS property to change the background color of an element to Hex 1C4E4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C4E4E }
```

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

```
.background{ background-color:#1C4E4E }
```

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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