

Converting Colors

Hex(1E4C4C)

Have a look what the booklet for
Hex(1E4C4C) contains.

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Color

Hex(1E4C4C)

Conversions

Conversions Part 1

Format	Color
Hex	1E4C4C
RGB	30, 76, 76
RGB Percent	12%, 30%, 30%
CMY	0.8824, 0.7020, 0.7020
CMYK	0.61, 0.00, 0.00, 0.70
HSL	180°, 43%, 21%
HSV	180°, 61%, 30%
XYZ	4.4244, 5.9667, 7.7560
YIQ	62.2460, -27.4160, -9.7520

Conversions

Conversions Part 2

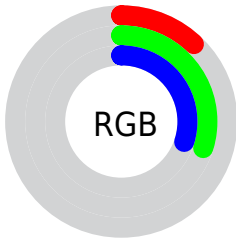
Format	Color
RYB	30, 53, 76
Decimal	1985612
CIELab	29.33, -15.52, -4.75
CIELCh	29, 16.230, 197.034
Yxy	5.9667, 0.2438, 0.3288
Android (android.graphics.Color)	4280175692 (0xFF1E4C4C)
YUV	62.2460, 6.7807, -28.2797
Hunter-Lab	24.4268, -10.4157, -1.7269

Details

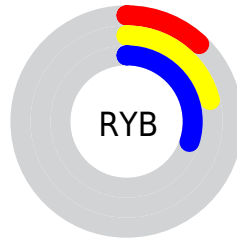
The Hex color **1E4C4C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4C1E1E**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **507D7D**, and **002020** is the 20% darker color. If you saturate the color by 10%, you get **164C4C**, and if you desaturate by 10%, it is **264C4C**.

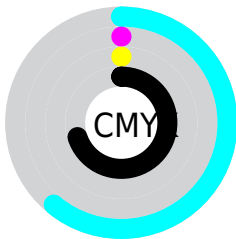
Distribution



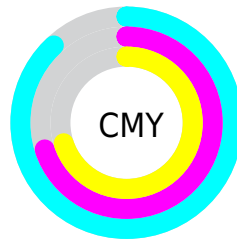
- Red (12%)
- Green (30%)
- Blue (30%)



- Red (12%)
- Yellow (21%)
- Blue (30%)



- Cyan (61%)
- Magenta (0%)
- Yellow (0%)
- Black (70%)



- Cyan (88%)
- Magenta (70%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E4C4C 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 1E4C4C by changing the saturation by 10% instead.

■ 1E4C4C

■ 1E4C4C

FFFFFF

■ 013535

■ 507D7D

■ 002020

■ 699797

■ 000009

■ 83B2B1

■ 000000

■ 9ECD CD

■ B9EA E9

■ D5FFFF

■ F2FFFF

■ 1E4C4C

■ 1E4C4C

■ 164C4C

■ 264C4C

■ 0F4C4C

■ 2D4C4C

■ 074C4C

■ 354C4C

■ 004C4C

■ 3C4C4C

■ 444C4C

■ 4C4C4C

■ 534C4C

■ 5B4C4C

■ 624C4C

Harmonies

Analogous

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



2A4C3F



1E4C4C



1E4B57

Triad

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



1E4C4C



503F56



53422D

Complementary

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



1E4C4C



4C1E1E

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.



5B3E33



1E4C4C



5A3C4B

Square

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



1E4C4C



3F445D



5E3C3E



47472D

Rectangle

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



1E4C4C



27495C



5E3C3E



56412E

Sweetspot

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



1E4C4C



526363



1E4C1E



283333



B3B3B3



333333

Same Dimension

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



1E4C4C



1B6363



1E354C



222626



006666



00E6E6

Inverse Universe

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



4C1E4C



631B63



4C351E



262226



660066



E600E6

Previews

White Background



This preview shows how the Hex color 1E4C4C looks on a white background.

Color Contrast Check

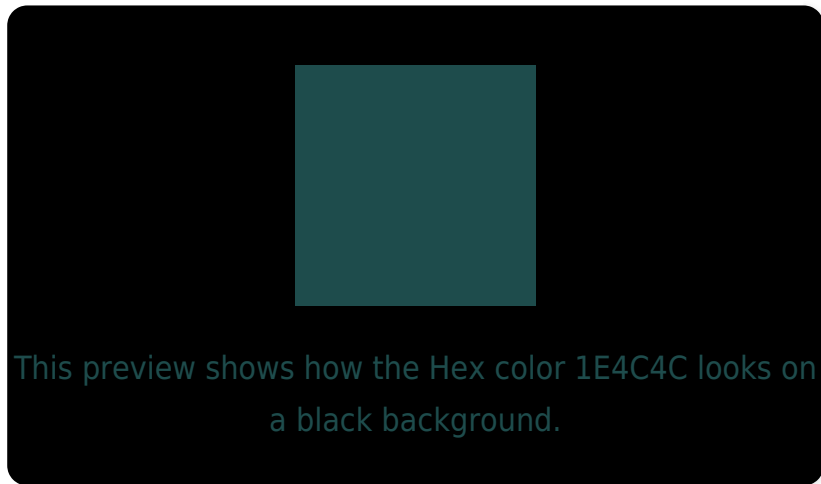
Large Text (above 18pt) WCAG AA ✓ Pass

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

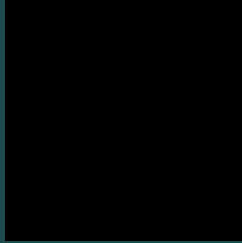
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

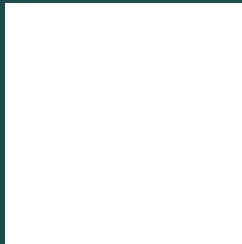
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1E4C4C Background



This preview shows how black text looks on a background with the Hex color 1E4C4C.



This preview shows how white text looks on a background with the Hex color 1E4C4C.

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
1E4C4C

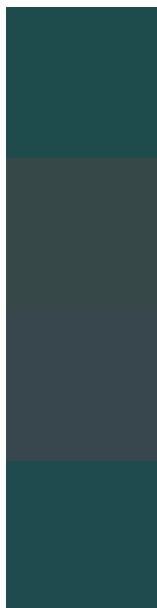
Protanopia
454547

Deuteranopia
47434E



Tritanopia
204B51

Trichromacy



Original Color

1E4C4C

Protanomaly

374849

Deuteranomaly

38464D

Tritanomaly

1F4B4F

Monochromacy



Original Color

1E4C4C

Achromatopsia

3E3E3E

Achromatomaly

324343

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E4C4C 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 #1E4C4C looks like.

```
.text, #text, p{  
    color:#1E4C4C  
}
```

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 #1E4C4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E4C4C
}
```

Border

The CSS property to change the border of an element to Hex 1E4C4C 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
#1E4C4C }
```

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

```
.border{ border-color:#1E4C4C }
```

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

Here you see how a box with a 4 pixel #1E4C4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E4C4C; -webkit-box-shadow:4px 4px  
4px 4px #1E4C4C; box-shadow:4px 4px 4px  
4px #1E4C4C }
```

Background

The CSS property to change the background color of an element to Hex 1E4C4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E4C4C }
```

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

```
.background{ background-color:#1E4C4C }
```

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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