

# Converting Colors

Hex(184E4C)

Have a look what the booklet for  
Hex(184E4C) contains.

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# Color

**Hex(184E4C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	184E4C
RGB	24, 78, 76
RGB Percent	9%, 31%, 30%
CMY	0.9059, 0.6941, 0.7020
CMYK	0.69, 0.00, 0.03, 0.69
HSL	178°, 53%, 20%
HSV	178°, 69%, 31%
XYZ	4.4056, 6.1648, 7.7952
YIQ	61.6260, -31.5420, -12.0700

# Conversions

## Conversions Part 2

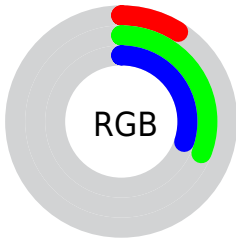
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 52, 78
Decimal	1592908
CIE <sub>Lab</sub>	29.82, -17.91, -4.04
CIE <sub>LCh</sub>	30, 18.361, 192.706
Yxy	6.1648, 0.2399, 0.3357
Android (android.graphics.Color)	4279782988 (0xFF184E4C)
YUV	61.6260, 7.0864, -32.9980
Hunter-Lab	24.8290, -11.7781, -1.2342

# Details

The Hex color **184E4C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4E181A**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **4C7F7D**, and **002120** is the 20% darker color. If you saturate the color by 10%, you get **104E4C**, and if you desaturate by 10%, it is **204E4C**.

# Distribution



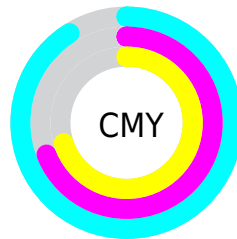
- Red (9%)
- Green (31%)
- Blue (30%)



- Red (9%)
- Yellow (20%)
- Blue (31%)



- Cyan (69%)
- Magenta (0%)
- Yellow (3%)
- Black (69%)



- Cyan (91%)
- Magenta (69%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 184E4C 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 184E4C by changing the saturation by 10% instead.



■ 184E4C

■ 184E4C

FFFFFF

■ 003735

■ 4C7F7D

■ 002120

■ 659997

■ 000009

■ 7FB4B1

■ 000000

■ 9AD0CD

■ B6ECE9

■ D2FFFF

■ EFFFFFF

■ 184E4C

■ 184E4C

■ 104E4C

■ 204E4C

■ 084E4B

■ 284E4D

■ 014E4B

■ 2F4E4D

■ 004E4B

■ 374E4D

■ 3F4E4D

■ 474E4E

■ 4F4E4E

■ 564E4E

■ 5E4E4F

# Harmonies

## Analogous

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



294D3D



184E4C



144D59

# Triad

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



184E4C



50405B



57432B

# Complementary

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



184E4C



4E181A

# 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.



603E34



184E4C



5D3C4F

# Square

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



184E4C



3C4662



623B41



4A472A

# Rectangle

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



184E4C



1E4B5F



623B41



5B412D



# Sweetspot

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



184E4C



516665



1B4E18



263333



B3B3B3



333333



# Same Dimension

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



184E4C



116663



18364E



222626



006662



00E6DD



# Inverse Universe

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



4E181A



661114



4E3018



262223



660004



E60009



# Previews

## White Background



This preview shows how the Hex color 184E4C looks on a white background.

## Color Contrast Check

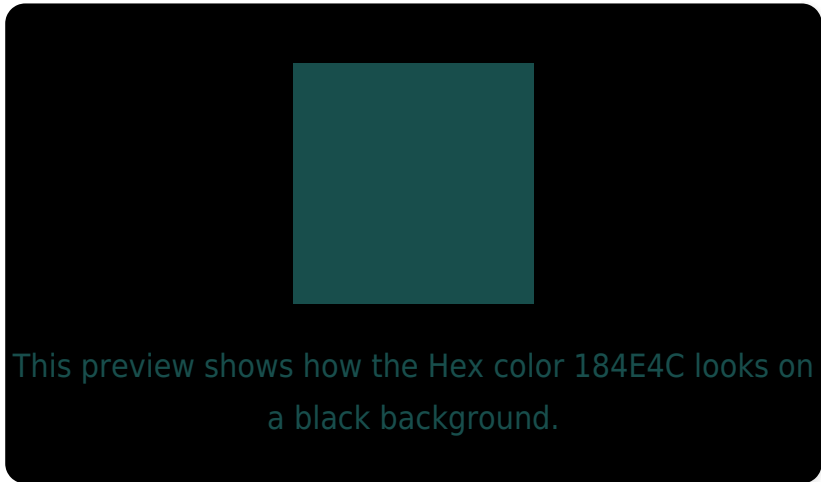
Large Text (above 18pt) WCAG AA ✓ Pass

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

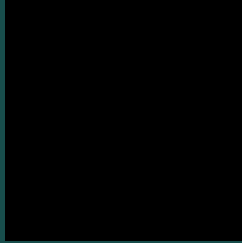
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

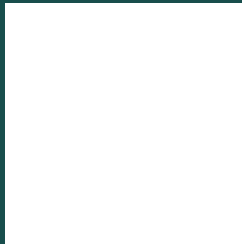
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 184E4C Background



This preview shows how black text looks on a background with the Hex color 184E4C.



This preview shows how white text looks on a background with the Hex color 184E4C.

# 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**  
184E4C

**Protanopia**  
474647

**Deuteranopia**  
49444E



**Tritanopia**  
1C4D53

# Trichromacy



**Original Color**  
184E4C

**Protanomaly**  
364949

**Deuteranomaly**  
37484D

**Tritanomaly**  
1B4D50

# Monochromacy



**Original Color**  
184E4C

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
304443

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 184E4C 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 #184E4C looks like.

```
.text, #text, p{  
    color:#184E4C  
}
```

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 #184E4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #184E4C
}
```

## Border

The CSS property to change the border of an element to Hex 184E4C is called "border". The border property can be set on classes, ids or directly on the HTML element.

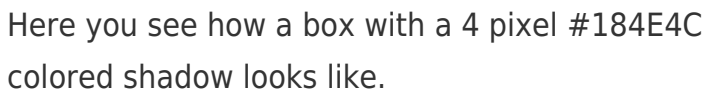
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#184E4C }
```

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

```
.border{ border-color:#184E4C }
```

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



Here you see how a box with a 4 pixel #184E4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #184E4C; -webkit-box-shadow:4px 4px  
4px 4px #184E4C; box-shadow:4px 4px 4px  
4px #184E4C }
```

# Background

The CSS property to change the background color of an element to Hex 184E4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#184E4C }
```

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

```
.background{ background-color:#184E4C }
```

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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