

# Converting Colors

Hex(184C5C)

Have a look what the booklet for  
Hex(184C5C) contains.

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# Color

Hex(184C5C)

# Conversions

## Conversions Part 1

Format	Color
Hex	184C5C
RGB	24, 76, 92
RGB Percent	9%, 30%, 36%
CMY	0.9059, 0.7020, 0.6392
CMYK	0.74, 0.17, 0.00, 0.64
HSL	194°, 59%, 23%
HSV	194°, 74%, 36%
XYZ	4.8929, 6.1358, 11.0517
YIQ	62.2760, -36.1280, -6.0480

# Conversions

## Conversions Part 2

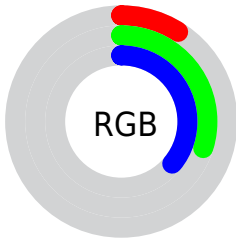
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 53, 92
Decimal	1592412
CIE <sub>Lab</sub>	29.75, -11.21, -14.41
CIE <sub>LCh</sub>	30, 18.256, 232.122
Yxy	6.1358, 0.2216, 0.2779
Android (android.graphics.Color)	4279782492 (0xFF184C5C)
YUV	62.2760, 14.6539, -33.5681
Hunter-Lab	24.7705, -8.0894, -9.1136

# Details

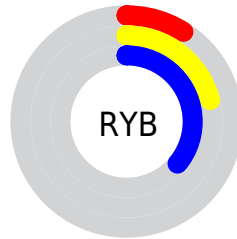
The Hex color **184C5C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C2818**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **4E7D8E**, and **00202E** is the 20% darker color. If you saturate the color by 10%, you get **0F4A5C**, and if you desaturate by 10%, it is **214E5C**.

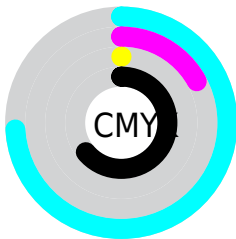
# Distribution



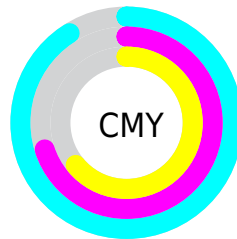
- Red (9%)
- Green (30%)
- Blue (36%)



- Red (9%)
- Yellow (21%)
- Blue (36%)



- Cyan (74%)
- Magenta (17%)
- Yellow (0%)
- Black (64%)



- Cyan (91%)
- Magenta (70%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 184C5C 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 184C5C by changing the saturation by 10% instead.



 184C5C

 184C5C

FFFFFF

 003544

 4E7D8E

 00202E

 6897A9

 00011A

 82B2C4

 000000

 9DCDE0

 B9E9FD

 D5FFFF

 F2FFFF

 184C5C

 184C5C

■ 0F4A5C

■ 214E5C

■ 06485C

■ 2A505C

■ 00465C

■ 34525C

■ 3D555C

■ 46575C

■ 4F595C

■ 585B5C

■ 625D5C

■ 6B5F5C

# Harmonies

## Analogous

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



154E50



184C5C



2C4962

# Triad

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



184C5C



5F3C4A



45482B

# Complementary

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



184C5C



5C2818

# 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.



53442A



184C5C



623C3C

# Square

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



184C5C



543F58



5D3F30



354C34

# Rectangle

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



184C5C



3C4562



5D3F30



4A472A



# Sweetspot

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



184C5C



5D7278



185C28



2D393D



BDBDBD



3D3D3D



# Same Dimension

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



184C5C



0D5F78



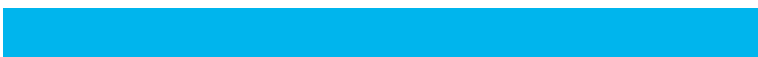
182A5C



292D2E



00546E



00B5ED



# Inverse Universe

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



5C184C



780D5F



5C4A18



2E292D



6E0054

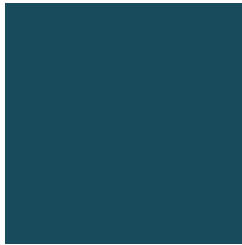


ED00B5



# Previews

## White Background



This preview shows how the Hex color 184C5C looks on a white background.

## Color Contrast Check

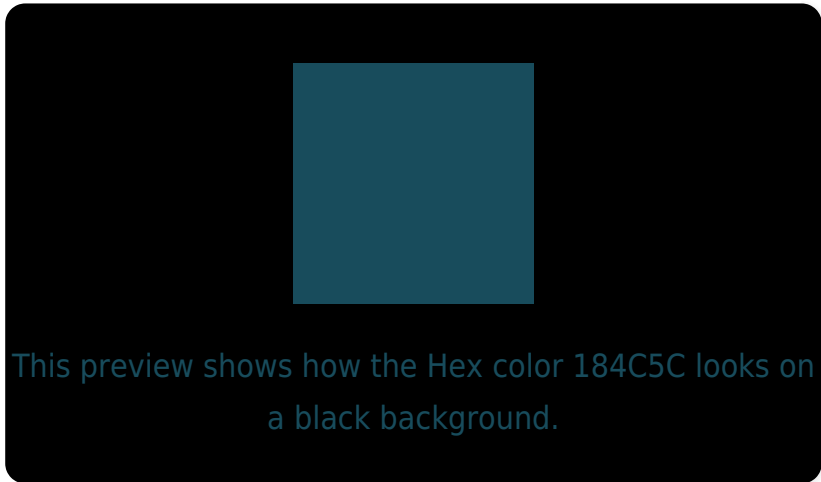
Large Text (above 18pt) WCAG AA ✓ Pass

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

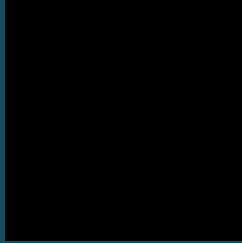
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

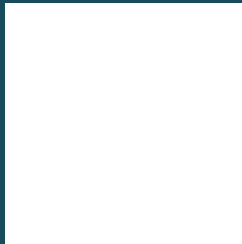
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 184C5C Background



This preview shows how black text looks on a background with the Hex color 184C5C.



This preview shows how white text looks on a background with the Hex color 184C5C.

# 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**  
184C5C

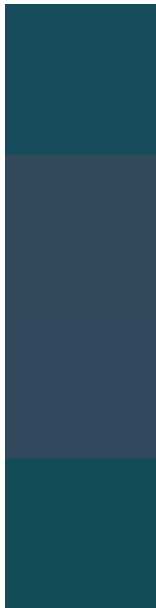
**Protanopia**  
424557

**Deuteranopia**  
40455E



**Tritanopia**  
114D54

# Trichromacy



**Original Color**  
184C5C

**Protanomaly**  
334859

**Deuteranomaly**  
31485D

**Tritanomaly**  
144D57

# Monochromacy



**Original Color**  
184C5C

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
304349

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 184C5C 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 #184C5C looks like.

```
.text, #text, p{  
    color:#184C5C  
}
```

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 #184C5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #184C5C
}
```

## Border

The CSS property to change the border of an element to Hex 184C5C 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
#184C5C }
```

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

```
.border{ border-color:#184C5C }
```

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

Here you see how a box with a 4 pixel #184C5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #184C5C; -webkit-box-shadow:4px 4px  
4px 4px #184C5C; box-shadow:4px 4px 4px  
4px #184C5C }
```

# Background

The CSS property to change the background color of an element to Hex 184C5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#184C5C }
```

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

```
.background{ background-color:#184C5C }
```

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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