

Converting Colors

Hex(184D52)

Have a look what the booklet for
Hex(184D52) contains.

Hex(184D52)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(184D52)

Conversions

Conversions Part 1

Format	Color
Hex	184D52
RGB	24, 77, 82
RGB Percent	9%, 30%, 32%
CMY	0.9059, 0.6980, 0.6784
CMYK	0.71, 0.06, 0.00, 0.68
HSL	185°, 55%, 21%
HSV	185°, 71%, 32%
XYZ	4.5536, 6.1111, 8.9222
YIQ	61.7230, -33.1930, -9.6810

Conversions

Conversions Part 2

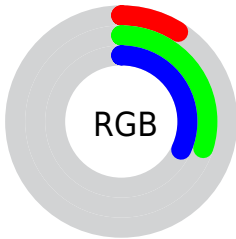
Format	Color
R_YB	24, 52, 82
Decimal	1592658
CIE Lab	29.69, -15.35, -8.09
CIE LCh	30, 17.351, 207.799
Yxy	6.1111, 0.2325, 0.3120
Android (android.graphics.Color)	4279782738 (0xFF184D52)
YUV	61.7230, 9.9966, -33.0831
Hunter-Lab	24.7207, -10.3816, -4.0945

Details

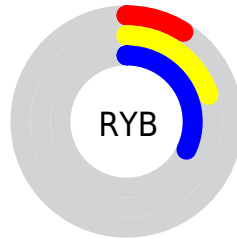
The Hex color **184D52** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **521D18**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **4C7E83**, and **002125** is the 20% darker color. If you saturate the color by 10%, you get **104C52**, and if you desaturate by 10%, it is **204E52**.

Distribution



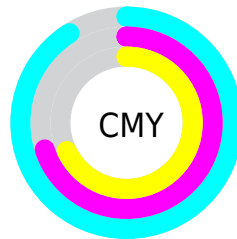
- Red (9%)
- Green (30%)
- Blue (32%)



- Red (9%)
- Yellow (20%)
- Blue (32%)



- Cyan (71%)
- Magenta (6%)
- Yellow (0%)
- Black (68%)



- Cyan (91%)
- Magenta (70%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 184D52 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 184D52 by changing the saturation by 10% instead.

■ 184D52

■ 184D52

FFFFFF

■ 00363B

■ 4C7E83

■ 002125

■ 66989D

■ 000111

■ 80B3B8

■ 000000

■ 9BCFD4

■ B7EBF0

■ D3FFFF

■ F0FFFF

■ 184D52

■ 184D52

■ 104C52

■ 204E52

■ 084C52

■ 284E52

■ 004B52

■ 314F52

■ 395052

■ 415152

■ 495152

■ 515252

■ 5A5352

■ 625352

Harmonies

Analogous

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



234D44



184D52



1F4B5C

Triad

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



184D52



563E54



50452B

Complementary

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



184D52



521D18

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.



5B4030



184D52



5F3C47

Square

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



184D52



46435E



603D3A



42492E

Rectangle

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



184D52



2B4960



603D3A



54432C

Sweetspot

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



184D52



55696B



18521D



283436



B5B5B5



363636

Same Dimension

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



184D52



10636B



183052



252829



006069



00D4E8

Inverse Universe

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



52184D



6B1063



523A18



292528



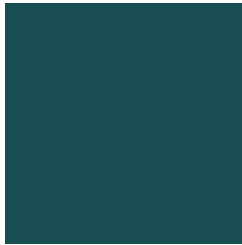
690060



E800D4

Previews

White Background



This preview shows how the Hex color 184D52 looks on a white background.

Color Contrast Check

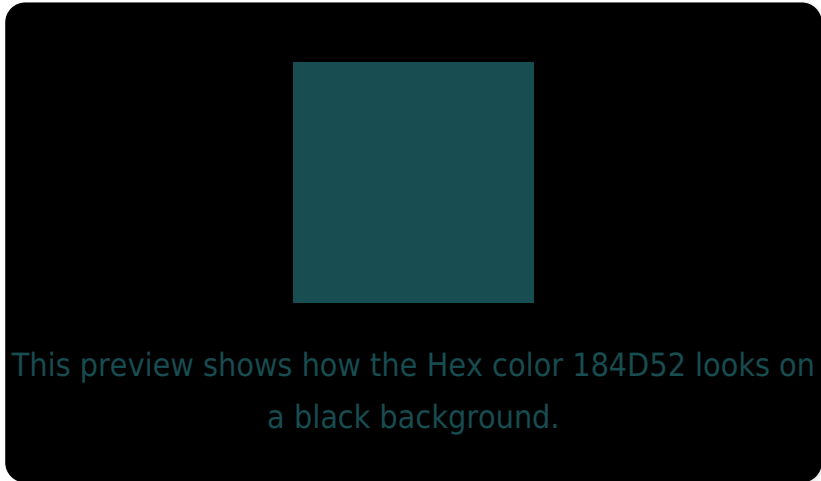
Large Text (above 18pt) WCAG AA ✓ Pass

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

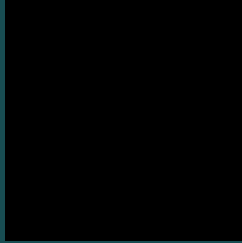
Any Text WCAG AA × Fail

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 184D52 Background



This preview shows how black text looks on a background with the Hex color 184D52.



This preview shows how white text looks on a background with the Hex color 184D52.

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
184D52

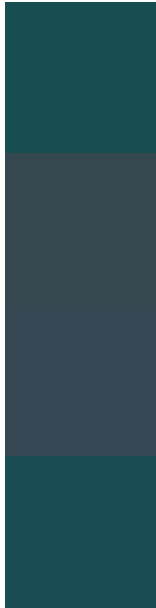
Protanopia
45454D

Deuteranopia
464454



Tritanopia
194D53

Trichromacy



Original Color
184D52

Protanomaly
35484F

Deuteranomaly
354753

Tritanomaly
194D53

Monochromacy



Original Color
184D52

Achromatopsia
3E3E3E

Achromatomaly
304345

CSS Examples

Text

The CSS property to change the color of the text to Hex 184D52 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 #184D52 looks like.

```
.text, #text, p{  
    color:#184D52  
}
```

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 #184D52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #184D52
}
```

Border

The CSS property to change the border of an element to Hex 184D52 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
#184D52 }
```

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

```
.border{ border-color:#184D52 }
```

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

Here you see how a box with a 4 pixel #184D52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #184D52; -webkit-box-shadow:4px 4px  
4px 4px #184D52; box-shadow:4px 4px 4px  
4px #184D52 }
```

Background

The CSS property to change the background color of an element to Hex 184D52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#184D52 }
```

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

```
.background{ background-color:#184D52 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor