

# Converting Colors

Hex(194D4B)

Have a look what the booklet for  
Hex(194D4B) contains.

<b>Hex(194D4B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(194D4B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	194D4B
RGB	25, 77, 75
RGB Percent	10%, 30%, 29%
CMY	0.9020, 0.6980, 0.7059
CMYK	0.68, 0.00, 0.03, 0.70
HSL	178°, 51%, 20%
HSV	178°, 68%, 30%
XYZ	4.3248, 6.0224, 7.5911
YIQ	61.2240, -30.3500, -11.6460

# Conversions

## Conversions Part 2

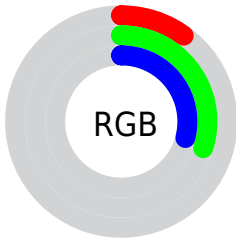
Format	Color
<b>R<sub>YB</sub></b>	25, 52, 77
Decimal	1658187
CIE <sub>Lab</sub>	29.47, -17.48, -3.92
CIE <sub>LCh</sub>	29, 17.918, 192.637
Y <sub>xy</sub>	6.0224, 0.2411, 0.3357
Android (android.graphics.Color)	4279848267 (0xFF194D4B)
YUV	61.2240, 6.7916, -31.7684
Hunter-Lab	24.5406, -11.4892, -1.1616

# Details

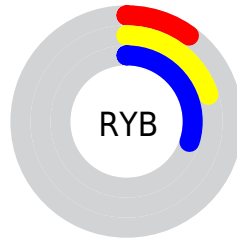
The Hex color **194D4B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4D191B**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **4C7E7C**, and **00211F** is the 20% darker color. If you saturate the color by 10%, you get **114D4B**, and if you desaturate by 10%, it is **214D4B**.

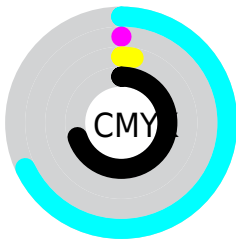
# Distribution



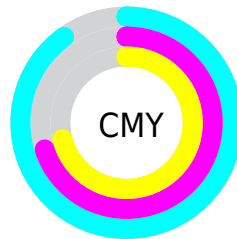
- Red (10%)
- Green (30%)
- Blue (29%)



- Red (10%)
- Yellow (20%)
- Blue (30%)



- Cyan (68%)
- Magenta (0%)
- Yellow (3%)
- Black (70%)



- Cyan (90%)
- Magenta (70%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 194D4B 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 194D4B by changing the saturation by 10% instead.



 194D4B

 194D4B

FFFFFF

 003634

 4C7E7C

 00211F

 669895

 000007

 80B3B0

 000000

 9BCFCC

 B6EBE8

 D2FFFF

 EFFFFFF

 194D4B

 194D4B

■ 114D4B

■ 214D4B

■ 0A4D4A

■ 284D4C

■ 024D4A

■ 304D4C

■ 004D4A

■ 384D4C

■ 3F4D4C

■ 474D4D

■ 4F4D4D

■ 574D4D

■ 5E4D4E

# Harmonies

## Analogous

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



294C3D



194D4B



154C58

# Triad

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



194D4B



4F405A



56422B

# Complementary

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



194D4B



4D191B

# 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.



5F3D33



194D4B



5C3C4E

# Square

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



194D4B



3C4560



613B40



49462A

# Rectangle

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



194D4B



1F4A5E



613B40



59402D



# Sweetspot

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



194D4B



506363



1C4D19



273333



B3B3B3



333333



# Same Dimension

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



194D4B



136360



19364D



222626



006662



00E6DD



# Inverse Universe

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



4D191B



631316



4D3019



262223



660004

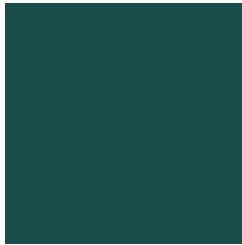


E60009



# Previews

## White Background



This preview shows how the Hex color 194D4B looks on a white background.

## Color Contrast Check

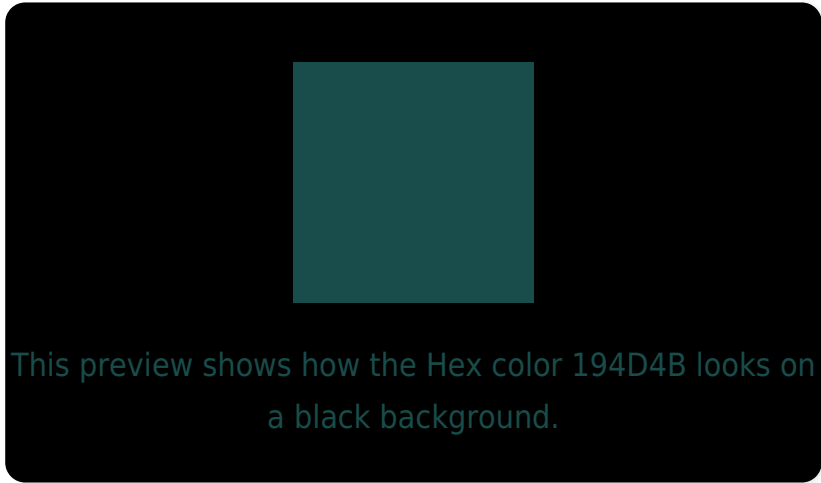
Large Text (above 18pt) WCAG AA ✓ Pass

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 194D4B Background



This preview shows how black text looks on a background with the Hex color 194D4B.



This preview shows how white text looks on a background with the Hex color 194D4B.

# 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](#).

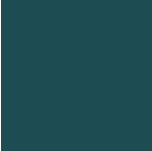
## Dichromacy



**Original Color**  
194D4B

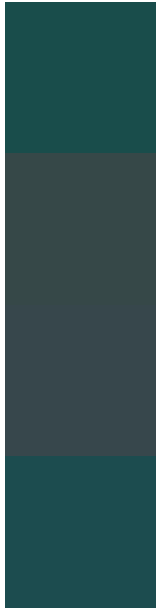
**Protanopia**  
464546

**Deuteranopia**  
48434D



**Tritanopia**  
1D4C52

# Trichromacy



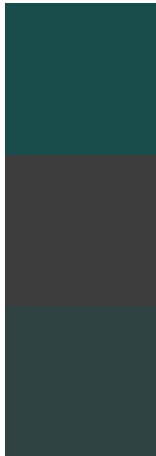
**Original Color**  
194D4B

**Protanomaly**  
364848

**Deuteranomaly**  
37474C

**Tritanomaly**  
1C4C4F

# Monochromacy



**Original Color**  
194D4B

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
304342

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 194D4B 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 #194D4B looks like.

```
.text, #text, p{  
    color:#194D4B  
}
```

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 #194D4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #194D4B
}
```

## Border

The CSS property to change the border of an element to Hex 194D4B 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".

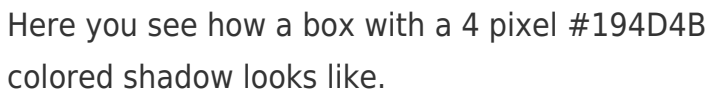
```
.border, #border, table{ border:4px solid
#194D4B }
```

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

```
.border{ border-color:#194D4B }
```

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

Here you see how a box with a 4 pixel #194D4B colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #194D4B; -webkit-box-shadow:4px 4px  
4px 4px #194D4B; box-shadow:4px 4px 4px  
4px #194D4B }
```

# Background

The CSS property to change the background color of an element to Hex 194D4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#194D4B }
```

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

```
.background{ background-color:#194D4B }
```

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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