

# Converting Colors

Hex(194B2A)

Have a look what the booklet for  
Hex(194B2A) contains.

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# Color

Hex(194B2A)

# Conversions

## Conversions Part 1

Format	Color
Hex	194B2A
RGB	25, 75, 42
RGB Percent	10%, 29%, 16%
CMY	0.9020, 0.7059, 0.8353
CMYK	0.67, 0.00, 0.44, 0.71
HSL	140°, 50%, 20%
HSV	140°, 67%, 29%
XYZ	3.3349, 5.4060, 3.0582
YIQ	56.2880, -19.2070, -20.8630

# Conversions

## Conversions Part 2

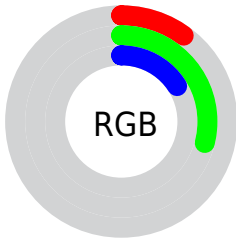
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 62, 75
Decimal	1657642
CIE <sub>Lab</sub>	27.86, -25.37, 14.83
CIE <sub>LCh</sub>	28, 29.385, 149.693
Yxy	5.4060, 0.2826, 0.4582
Android (android.graphics.Color)	4279847722 (0xFF194B2A)
YUV	56.2880, -7.0440, -27.4396
Hunter-Lab	23.2508, -15.0864, 8.4771

# Details

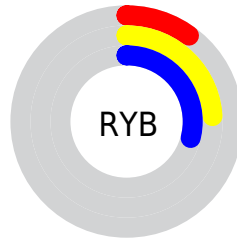
The Hex color **194B2A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4B193A**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **4A7C58**, and **002000** is the 20% darker color. If you saturate the color by 10%, you get **114B25**, and if you desaturate by 10%, it is **204B2F**.

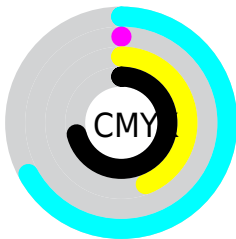
# Distribution



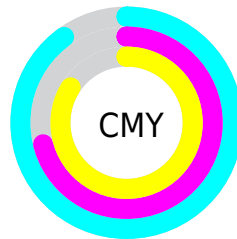
- Red (10%)
- Green (29%)
- Blue (16%)



- Red (10%)
- Yellow (24%)
- Blue (29%)



- Cyan (67%)
- Magenta (0%)
- Yellow (44%)
- Black (71%)



- Cyan (90%)
- Magenta (71%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 194B2A 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 194B2A by changing the saturation by 10% instead.



 194B2A

 194B2A

FFFFFF

 003415

 4A7C58

 002000

 649670

 000000

 7DB18A

 98CDA4

 B3E9BF

 CFFFDB

 ECFFF8

 194B2A

 194B2A

■ 114B25

■ 204B2F

■ 0A4B20

■ 284B34

■ 024B1B

■ 304B39

■ 004B19

■ 374B3E

■ 3F4B43

■ 464B48

■ 4E4B4D

■ 554B52

■ 5D4B57

# Harmonies

## Analogous

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



384718



194B2A



004D41

# Triad

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



194B2A



0E446F



6A302D

# Complementary

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



194B2A



4B193A

# 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.



6A2E43



194B2A



423C69

# Square

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



194B2A



004A68



5D3359



60381B

# Rectangle

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



194B2A



004D50



5D3359



6B2F34



# Sweetspot

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



194B2A



4E6154



3A4B19



253029



B0B0B0



303030



# Same Dimension

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



194B2A



13612E



194B43



222624



006623



00E64E



# Inverse Universe

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



4B193A



611347



4B1921



262225



660043

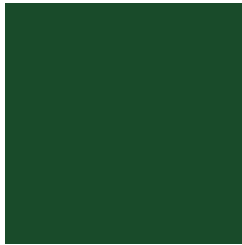


E60097



# Previews

## White Background



This preview shows how the Hex color 194B2A looks on a white background.

## Color Contrast Check

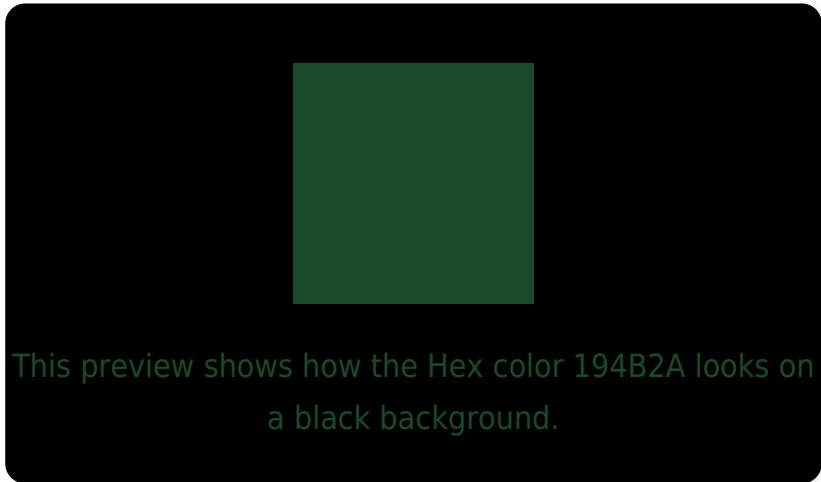
Large Text (above 18pt) WCAG AA ✓ Pass

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

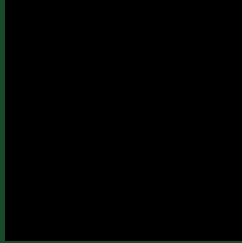
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 194B2A Background



This preview shows how black text looks on a background with the Hex color 194B2A.



This preview shows how white text looks on a background with the Hex color 194B2A.

# 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](#).

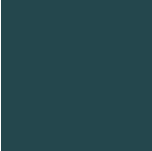
## Dichromacy



**Original Color**  
194B2A

**Protanopia**  
484226

**Deuteranopia**  
4E3F2D



**Tritanopia**  
24474D

# Trichromacy



**Original Color**  
194B2A

**Protanomaly**  
374527

**Deuteranomaly**  
3B432C

**Tritanomaly**  
204840

# Monochromacy



**Original Color**  
194B2A

**Achromatopsia**  
383838

**Achromatomaly**  
2D3F33

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 194B2A 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 #194B2A looks like.

```
.text, #text, p{  
    color:#194B2A  
}
```

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 #194B2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #194B2A
}
```

## Border

The CSS property to change the border of an element to Hex 194B2A 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".

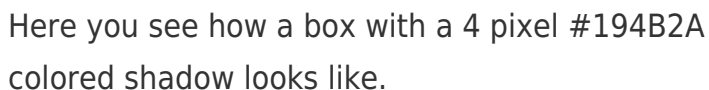
```
.border, #border, table{ border:4px solid
#194B2A }
```

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

```
.border{ border-color:#194B2A }
```

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

Here you see how a box with a 4 pixel #194B2A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #194B2A; -webkit-box-shadow:4px 4px  
4px 4px #194B2A; box-shadow:4px 4px 4px  
4px #194B2A }
```

# Background

The CSS property to change the background color of an element to Hex 194B2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#194B2A }
```

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

```
.background{ background-color:#194B2A }
```

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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