

# Converting Colors

Hex(19504B)

Have a look what the booklet for  
Hex(19504B) contains.

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# Color

**Hex(19504B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	19504B
RGB	25, 80, 75
RGB Percent	10%, 31%, 29%
CMY	0.9020, 0.6863, 0.7059
CMYK	0.69, 0.00, 0.06, 0.69
HSL	175°, 52%, 21%
HSV	175°, 69%, 31%
XYZ	4.5396, 6.4520, 7.6627
YIQ	62.9850, -31.1750, -13.2150

# Conversions

## Conversions Part 2

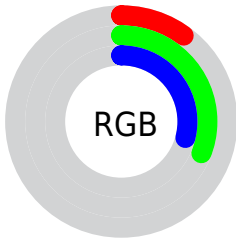
Format	Color
<b>RYB</b>	25, 54, 80
Decimal	1658955
CIELab	30.53, -19.13, -2.36
CIElCh	31, 19.275, 187.024
Yxy	6.4520, 0.2434, 0.3459
Android (android.graphics.Color)	4279849035 (0xFF19504B)
YUV	62.9850, 5.9234, -33.3128
Hunter-Lab	25.4008, -12.5503, -0.1056

# Details

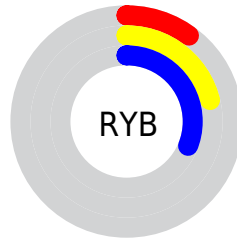
The Hex color **19504B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **50191E**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **4D827C**, and **00231F** is the 20% darker color. If you saturate the color by 10%, you get **11504A**, and if you desaturate by 10%, it is **21504C**.

# Distribution



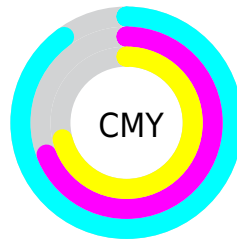
- Red (10%)
- Green (31%)
- Blue (29%)



- Red (10%)
- Yellow (21%)
- Blue (31%)



- Cyan (69%)
- Magenta (0%)
- Yellow (6%)
- Black (69%)



- Cyan (90%)
- Magenta (69%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19504B 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 19504B by changing the saturation by 10% instead.



 19504B

 19504B

FFFFFF

 003934

 4D827C

 00231F

 669C95

 000408

 80B7B0

 000000

 9BD2CC

 B7EFE8

 D3FFFF

 F0FFFF

 19504B

 19504B

■ 11504A

■ 21504C

■ 09504A

■ 29504C

■ 015049

■ 31504D

■ 005049

■ 39504E

■ 41504F

■ 49504F

■ 515050

■ 595051

■ 615052

# Harmonies

## Analogous

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



2C4F3C



19504B



0F4F59

# Triad

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



19504B



4E4360



5C432D

# Complementary

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



19504B



50191E

# 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.



643E37



19504B



5E3E54

# Square

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



19504B



384865



653C45



4E482A

# Rectangle

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



19504B



184E61



653C45



5F412F



# Sweetspot

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



19504B



536967



1F5019



283634



B5B5B5



363636



# Same Dimension

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



19504B



126961



193A50



252928



00695F



00E8D3



# Inverse Universe

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



50191E



69121A



502F19



292525



69000A

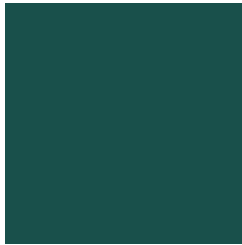


E80015



# Previews

## White Background



This preview shows how the Hex color 19504B looks on a white background.

## Color Contrast Check

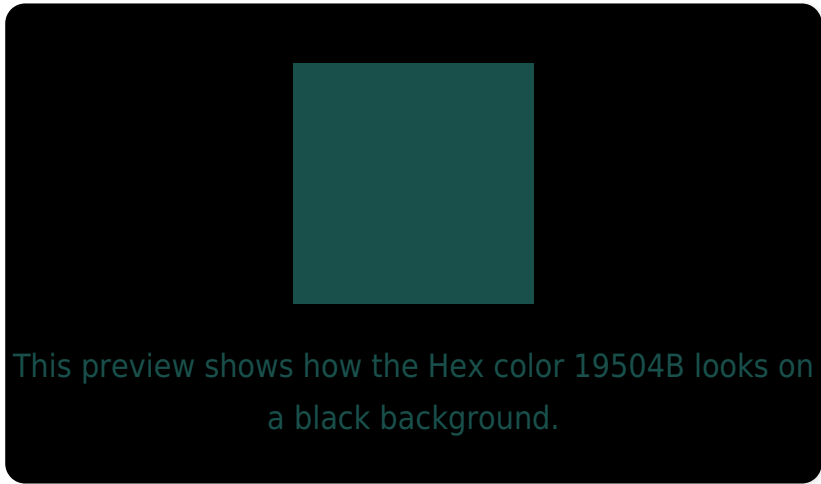
Large Text (above 18pt) WCAG AA ✓ Pass

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

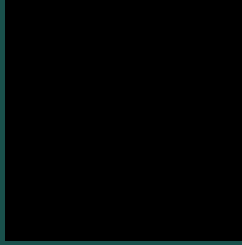
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 19504B Background



This preview shows how black text looks on a background with the Hex color 19504B.



This preview shows how white text looks on a background with the Hex color 19504B.

# 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**  
19504B

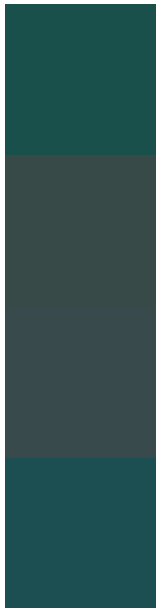
**Protanopia**  
494746

**Deuteranopia**  
4C464D



**Tritanopia**  
1E4F55

# Trichromacy



**Original Color**  
19504B

**Protanomaly**  
384A48

**Deuteranomaly**  
394A4C

**Tritanomaly**  
1C4F51

# Monochromacy



**Original Color**  
19504B

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
314543

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19504B 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 #19504B looks like.

```
.text, #text, p{  
    color:#19504B  
}
```

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 #19504B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19504B
}
```

## Border

The CSS property to change the border of an element to Hex 19504B 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
#19504B }
```

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

```
.border{ border-color:#19504B }
```

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

Here you see how a box with a 4 pixel #19504B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19504B; -webkit-box-shadow:4px 4px  
4px 4px #19504B; box-shadow:4px 4px 4px  
4px #19504B }
```

# Background

The CSS property to change the background color of an element to Hex 19504B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19504B }
```

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

```
.background{ background-color:#19504B }
```

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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