

# Converting Colors

Hex(19424D)

Have a look what the booklet for  
Hex(19424D) contains.

<b>Hex(19424D)</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(19424D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	19424D
RGB	25, 66, 77
RGB Percent	10%, 26%, 30%
CMY	0.9020, 0.7412, 0.6980
CMYK	0.68, 0.14, 0.00, 0.70
HSL	193°, 51%, 20%
HSV	193°, 68%, 30%
XYZ	3.6887, 4.6389, 7.7222
YIQ	54.9950, -27.9670, -5.2710

# Conversions

## Conversions Part 2

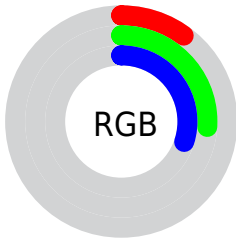
Format	Color
<b>RYB</b>	25, 48, 77
Decimal	1655373
CIELab	25.68, -10.37, -10.92
CIELCh	26, 15.064, 226.480
Yxy	4.6389, 0.2298, 0.2890
Android (android.graphics.Color)	4279845453 (0xFF19424D)
YUV	54.9950, 10.8485, -26.3056
Hunter-Lab	21.5382, -7.1215, -6.1808

# Details

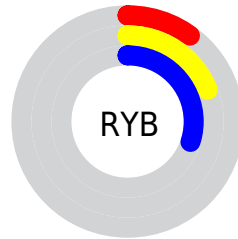
The Hex color **19424D** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4D2419**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **4B727E**, and **001821** is the 20% darker color. If you saturate the color by 10%, you get **11404D**, and if you desaturate by 10%, it is **21444D**.

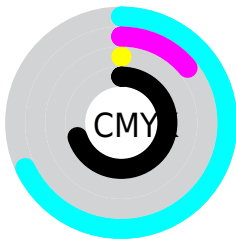
# Distribution



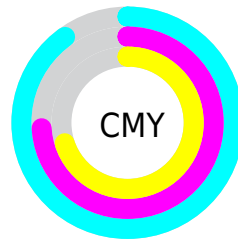
- Red (10%)
- Green (26%)
- Blue (30%)



- Red (10%)
- Yellow (19%)
- Blue (30%)



- Cyan (68%)
- Magenta (14%)
- Yellow (0%)
- Black (70%)



- Cyan (90%)
- Magenta (74%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 19424D 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 19424D by changing the saturation by 10% instead.



19424D

19424D

FFFFFF

002C36

4B727E

001821

648C98

000008

7EA6B3

000000

99C1CE

B4DDEA

D0FAFF

EDFFFF

19424D

19424D

■ 11404D

■ 21444D

■ 0A3F4D

■ 28454D

■ 023D4D

■ 30474D

■ 003D4D

■ 38494D

■ 3F4A4D

■ 474C4D

■ 4F4D4D

■ 574F4D

■ 5E514D

# Harmonies

## Analogous

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



194343



19424D



263F53

# Triad

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



19424D



503542



3E3E27

# Complementary

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



19424D



4D2419

# 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.



493A27



19424D



543437

# Square

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



19424D



46384D



51372D



31412D

# Rectangle

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



19424D



313D53



51372D



423D26



# Sweetspot

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



19424D



505F63



194D23



273033



B3B3B3



333333



# Same Dimension

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



19424D



135263



19294D



222526



005066



00B5E6



# Inverse Universe

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



4D1942



631352



4D3D19



262225



660050

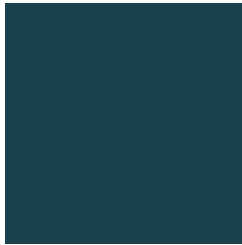


E600B5



# Previews

## White Background



This preview shows how the Hex color 19424D looks on a white background.

## Color Contrast Check

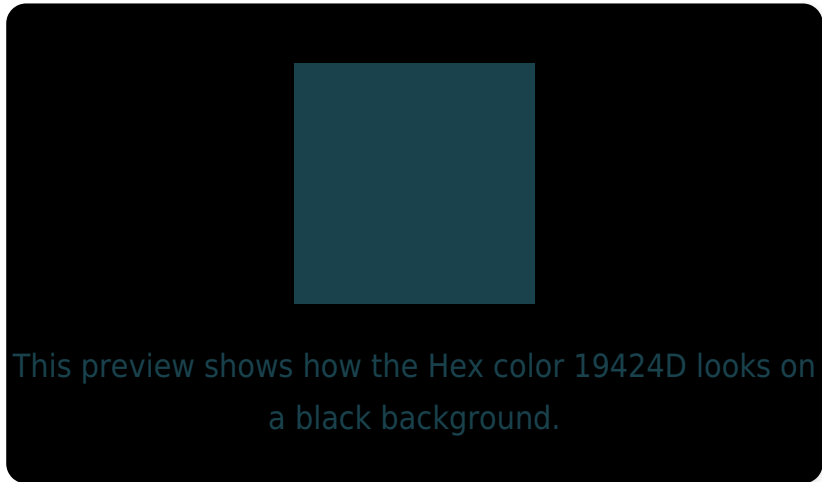
Large Text (above 18pt) WCAG AA ✓ Pass

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

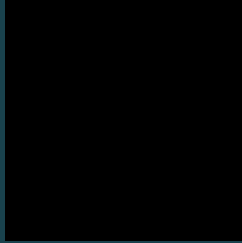
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

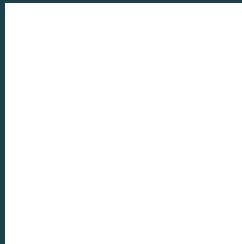
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 19424D Background



This preview shows how black text looks on a background with the Hex color 19424D.



This preview shows how white text looks on a background with the Hex color 19424D.

# 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](#).

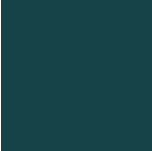
## Dichromacy



**Original Color**  
19424D

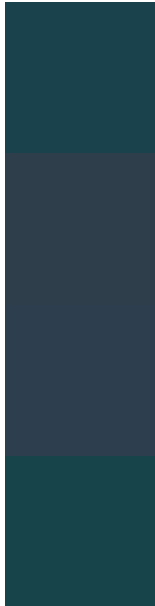
**Protanopia**  
3A3C49

**Deuteranopia**  
393C4E



**Tritanopia**  
164348

# Trichromacy



**Original Color**  
19424D

**Protanomaly**  
2E3E4A

**Deuteranomaly**  
2D3E4E

**Tritanomaly**  
17434A

# Monochromacy



**Original Color**  
19424D

**Achromatopsia**  
373737

**Achromatomaly**  
2C3B3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 19424D 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 #19424D looks like.

```
.text, #text, p{  
    color:#19424D  
}
```

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 #19424D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19424D
}
```

## Border

The CSS property to change the border of an element to Hex 19424D 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".

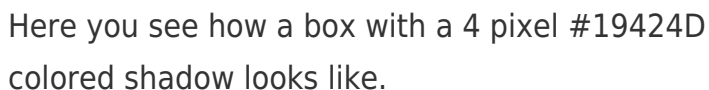
```
.border, #border, table{ border:4px solid
#19424D }
```

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

```
.border{ border-color:#19424D }
```

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

Here you see how a box with a 4 pixel #19424D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19424D; -webkit-box-shadow:4px 4px  
4px 4px #19424D; box-shadow:4px 4px 4px  
4px #19424D }
```

# Background

The CSS property to change the background color of an element to Hex 19424D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19424D }
```

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

```
.background{ background-color:#19424D }
```

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