

Converting Colors

Hex(19434C)

Have a look what the booklet for
Hex(19434C) contains.

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Color

Hex(19434C)

Conversions

Conversions Part 1

Format	Color
Hex	19434C
RGB	25, 67, 76
RGB Percent	10%, 26%, 30%
CMY	0.9020, 0.7373, 0.7020
CMYK	0.67, 0.12, 0.00, 0.70
HSL	191°, 50%, 20%
HSV	191°, 67%, 30%
XYZ	3.7126, 4.7428, 7.5573
YIQ	55.4680, -27.9210, -6.1050

Conversions

Conversions Part 2

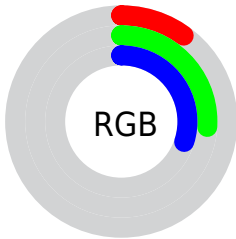
Format	Color
RYB	25, 48, 76
Decimal	1655628
CIELab	25.99, -11.34, -9.80
CIELCh	26, 14.986, 220.828
Yxy	4.7428, 0.2319, 0.2962
Android (android.graphics.Color)	4279845708 (0xFF19434C)
YUV	55.4680, 10.1223, -26.7204
Hunter-Lab	21.7779, -7.6818, -5.3299

Details

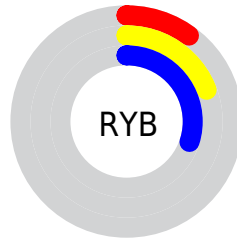
The Hex color **19434C** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4C2219**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **4B737D**, and **001920** is the 20% darker color. If you saturate the color by 10%, you get **11424C**, and if you desaturate by 10%, it is **21444C**.

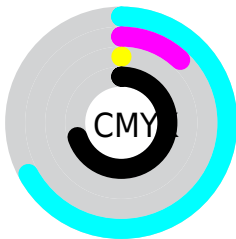
Distribution



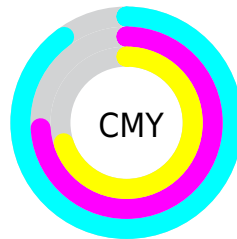
- Red (10%)
- Green (26%)
- Blue (30%)



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



- Cyan (67%)
- Magenta (12%)
- Yellow (0%)
- Black (70%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 19434C 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 19434C by changing the saturation by 10% instead.

■ 19434C

■ 19434C

FFFFFF

■ 002D35

■ 4B737D

■ 001920

■ 648D97

■ 000007

■ 7EA7B1

■ 000000

■ 99C2CD

■ B4DEE9

■ D0FBFF

■ EDFFFF

■ 19434C

■ 19434C

■ 11424C

■ 21444C

■ 0A404C

■ 28464C

■ 023F4C

■ 30474C

■ 003F4C

■ 37484C

■ 3F4A4C

■ 474B4C

■ 4E4C4C

■ 564E4C

■ 5D4F4C

Harmonies

Analogous

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



1C4441



19434C



244153

Triad

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



19434C



4F3645



413E27

Complementary

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



19434C



4C2219

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.



4C3A28



19434C



54353A

Square

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



19434C



44394F



53372F



35412C

Rectangle

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



19434C



2F3E54



53372F



453D27

Sweetspot

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



19434C



506063



194C21



273133



B3B3B3



333333

Same Dimension

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



19434C



135563



192A4C



222626



005466



00BDE6

Inverse Universe

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



4C1943



631355



4C3B19



262226



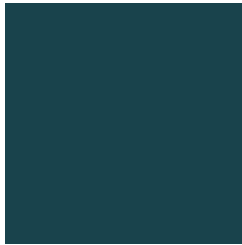
660054



E600BD

Previews

White Background



This preview shows how the Hex color 19434C looks on a white background.

Color Contrast Check

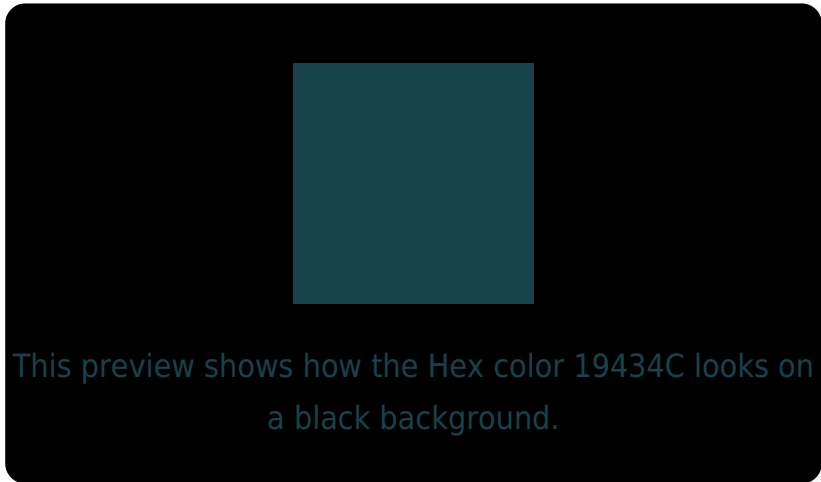
Large Text (above 18pt) WCAG AA ✓ Pass

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

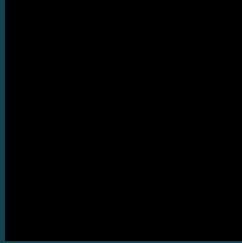
Any Text WCAG AA × Fail

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 19434C Background



This preview shows how black text looks on a background with the Hex color 19434C.



This preview shows how white text looks on a background with the Hex color 19434C.

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](#).

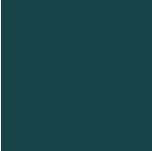
Dichromacy



Original Color
19434C

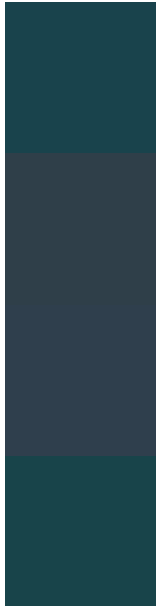
Protanopia
3B3D48

Deuteranopia
3B3C4D



Tritanopia
174449

Trichromacy



Original Color
19434C

Protanomaly
2F3F49

Deuteranomaly
2F3F4D

Tritanomaly
18444A

Monochromacy



Original Color
19434C

Achromatopsia
373737

Achromatomaly
2C3B3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 19434C 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 #19434C looks like.

```
.text, #text, p{  
    color:#19434C  
}
```

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 #19434C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19434C
}
```

Border

The CSS property to change the border of an element to Hex 19434C is called "border". The border property can be set on classes, ids or directly on the HTML element.

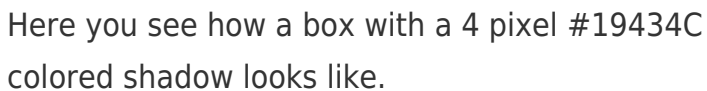
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#19434C }
```

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

```
.border{ border-color:#19434C }
```

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



Here you see how a box with a 4 pixel #19434C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19434C; -webkit-box-shadow:4px 4px  
4px 4px #19434C; box-shadow:4px 4px 4px  
4px #19434C }
```

Background

The CSS property to change the background color of an element to Hex 19434C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19434C }
```

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

```
.background{ background-color:#19434C }
```

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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