

Converting Colors

Hex(19313E)

Have a look what the booklet for
Hex(19313E) contains.

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Color

Hex(19313E)

Conversions

Conversions Part 1

Format	Color
Hex	19313E
RGB	25, 49, 62
RGB Percent	10%, 19%, 24%
CMY	0.9020, 0.8078, 0.7569
CMYK	0.60, 0.21, 0.00, 0.76
HSL	201°, 43%, 17%
HSV	201°, 60%, 24%
XYZ	2.3687, 2.7511, 4.9636
YIQ	43.3060, -18.4770, -1.0450

Conversions

Conversions Part 2

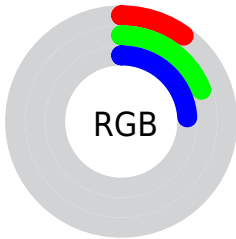
Format	Color
R_{YB}	25, 40, 62
Decimal	1651006
CIE _{Lab}	19.02, -4.89, -11.07
CIE _{LCh}	19, 12.102, 246.155
Yxy	2.7511, 0.2349, 0.2728
Android (android.graphics.Color)	4279841086 (0xFF19313E)
YUV	43.3060, 9.2161, -16.0544
Hunter-Lab	16.5864, -3.5346, -6.1324

Details

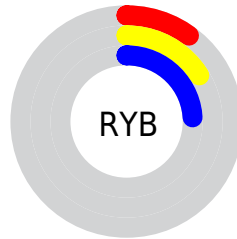
The Hex color **19313E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3E2619**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **485F6E**, and **000114** is the 20% darker color. If you saturate the color by 10%, you get **132F3E**, and if you desaturate by 10%, it is **1F333E**.

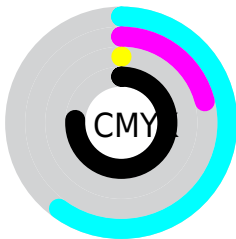
Distribution



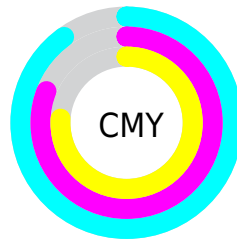
- Red (10%)
- Green (19%)
- Blue (24%)



- Red (10%)
- Yellow (16%)
- Blue (24%)



- Cyan (60%)
- Magenta (21%)
- Yellow (0%)
- Black (76%)



- Cyan (90%)
- Magenta (81%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19313E 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 19313E by changing the saturation by 10% instead.

■ 19313E

■ 19313E

FFFFFF

■ 021C28

■ 485F6E

■ 000114

■ 607887

■ 000000

■ 7991A1

■ 93ACBC

■ AEC7D8

■ CAE3F4

■ E6FFFF

■ 19313E

■ 19313E

■ 132F3E

■ 1F333E

■ 0D2D3E

■ 25353E

■ 062A3E

■ 2C383E

■ 00283E

■ 323A3E

■ 383C3E

■ 3E3E3E

■ 44403E

■ 4B423E

■ 51453E

Harmonies

Analogous

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



123338



19313E



252E40

Triad

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



19313E



3F282D



293120

Complementary

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



19313E



3E2619

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.



332E1D



19313E



3F2924

Square

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



19313E



3B2935



3A2B1E



1F3227

Rectangle

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



19313E



2E2C3E



3A2B1E



2C301E

Sweetspot

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



19313E



434C52



193E26



202629



A8A8A8



292929

Same Dimension

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



19313E



173D52



191F3E



1C1E1F



003D5E



0090DE

Inverse Universe

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



3E1931



52173D



3E3819



1F1C1E



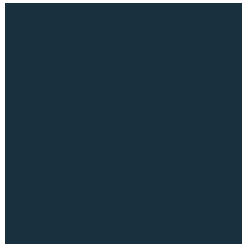
5E003D



DE0090

Previews

White Background



This preview shows how the Hex color 19313E looks on a white background.

Color Contrast Check

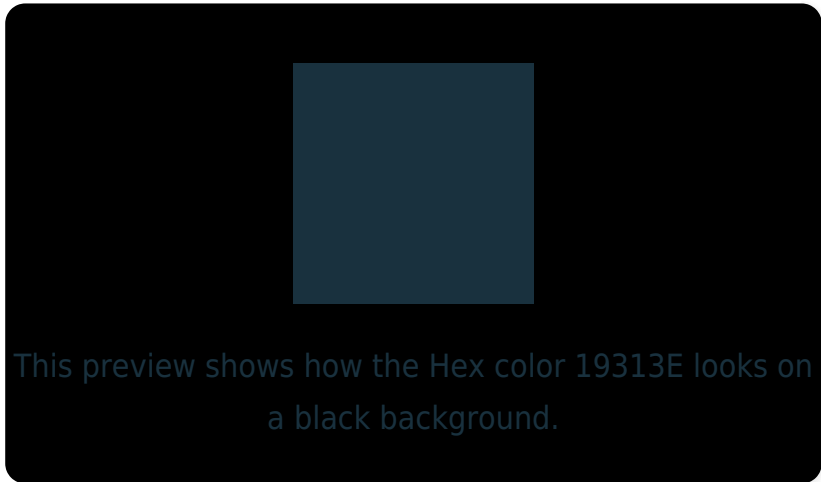
Large Text (above 18pt) WCAG AA ✓ Pass

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

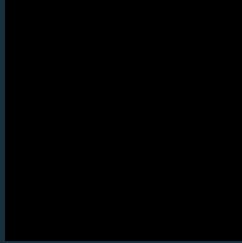
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

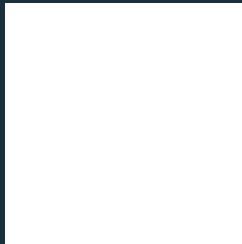
Any Text WCAG AAA × Fail

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

Hex 19313E Background



This preview shows how black text looks on a background with the Hex color 19313E.



This preview shows how white text looks on a background with the Hex color 19313E.

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](#).

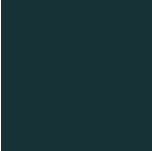
Dichromacy



Original Color
19313E

Protanopia
2B2E3C

Deuteranopia
292E3F



Tritanopia
163236

Trichromacy



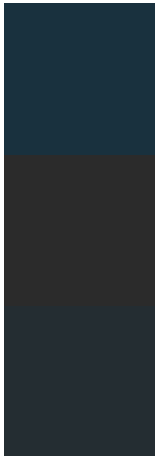
Original Color
19313E

Protanomaly
242F3D

Deuteranomaly
232F3F

Tritanomaly
173239

Monochromacy



Original Color
19313E

Achromatopsia
2B2B2B

Achromatomaly
242D32

CSS Examples

Text

The CSS property to change the color of the text to Hex 19313E 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 #19313E looks like.

```
.text, #text, p{  
    color:#19313E  
}
```

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 #19313E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19313E
}
```

Border

The CSS property to change the border of an element to Hex 19313E is called "border". The border property can be set on classes, ids or directly on the HTML element.

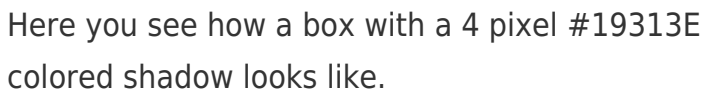
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#19313E }
```

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

```
.border{ border-color:#19313E }
```

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



Here you see how a box with a 4 pixel #19313E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19313E; -webkit-box-shadow:4px 4px  
4px 4px #19313E; box-shadow:4px 4px 4px  
4px #19313E }
```

Background

The CSS property to change the background color of an element to Hex 19313E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19313E }
```

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

```
.background{ background-color:#19313E }
```

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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