

Converting Colors

Hex(19332F)

Have a look what the booklet for
Hex(19332F) contains.

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Color

Hex(19332F)

Conversions

Conversions Part 1

Format	Color
Hex	19332F
RGB	25, 51, 47
RGB Percent	10%, 20%, 18%
CMY	0.9020, 0.8000, 0.8157
CMYK	0.51, 0.00, 0.08, 0.80
HSL	171°, 34%, 15%
HSV	171°, 51%, 20%
XYZ	2.0978, 2.7796, 3.1153
YIQ	42.7700, -14.2120, -6.7560

Conversions

Conversions Part 2

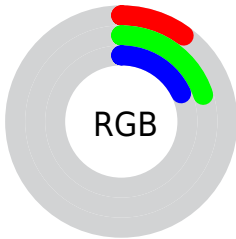
Format	Color
R_{YB}	25, 39, 51
Decimal	1651503
CIE _{Lab}	19.14, -11.21, -0.59
CIE _{LCh}	19, 11.221, 182.998
Yxy	2.7796, 0.2625, 0.3478
Android (android.graphics.Color)	4279841583 (0xFF19332F)
YUV	42.7700, 2.0854, -15.5843
Hunter-Lab	16.6720, -6.7156, 0.5917

Details

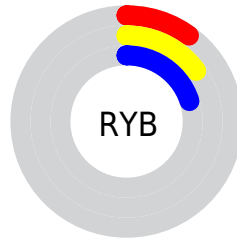
The Hex color **19332F** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **33191D**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **46625D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **14332E**, and if you desaturate by 10%, it is **1E3330**.

Distribution



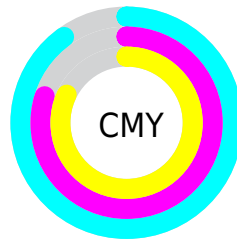
- Red (10%)
- Green (20%)
- Blue (18%)



- Red (10%)
- Yellow (15%)
- Blue (20%)



- Cyan (51%)
- Magenta (0%)
- Yellow (8%)
- Black (80%)



- Cyan (90%)
- Magenta (80%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 19332F 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 19332F by changing the saturation by 10% instead.

■ 19332F

■ 19332F

FFFFFF

■ 031E1A

■ 46625D

■ 000000

■ 5E7A75

■ 77948F

■ 91AFA9

■ ACCAC5

■ C8E6E1

■ E4FFFD

■ 19332F

■ 19332F

■ 14332E

■ 1E3330

■ 0F332D

■ 233331

■ 0A332D

■ 283331

■ 05332C

■ 2D3332

■ 00332B

■ 333333

■ 383334

■ 3D3334

■ 423335

■ 473336

Harmonies

Analogous

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



213227



19332F



163337

Triad

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



19332F



312C3C



3B2B20

Complementary

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



19332F



33191D

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.



3E2926



19332F



3A2A36

Square

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



19332F



252F3F



3E282E



342E1E

Rectangle

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



19332F



18323B



3E282E



3C2B22

Sweetspot

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



19332F



384241



1D3319



1B2120



A1A1A1



212121

Same Dimension

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



19332F



1A423C



192A33



171A19



00594C



00D9B7

Inverse Universe

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



33191D



421A20



332219



1A1717



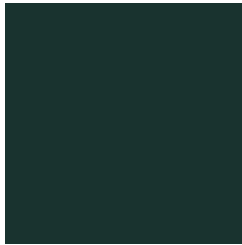
59000E



D90021

Previews

White Background



This preview shows how the Hex color 19332F looks on a white background.

Color Contrast Check

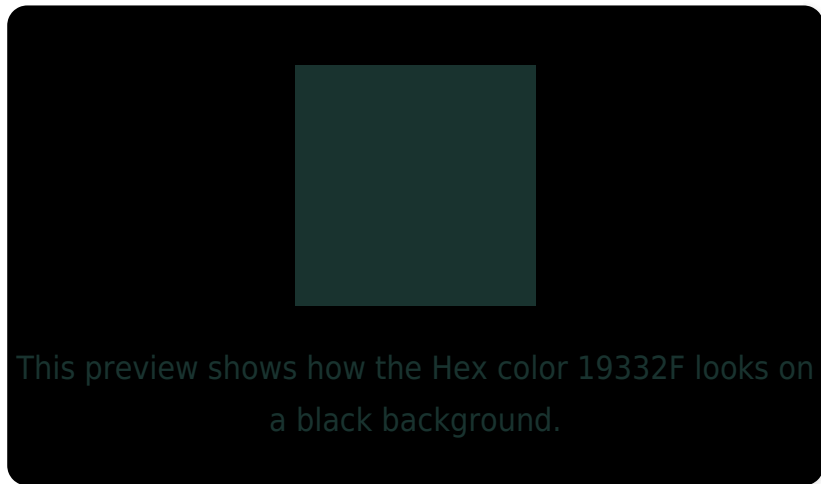
Large Text (above 18pt) WCAG AA ✓ Pass

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

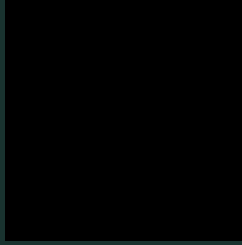
Any Text WCAG AA × Fail

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 19332F Background



This preview shows how black text looks on a background with the Hex color 19332F.



This preview shows how white text looks on a background with the Hex color 19332F.

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](#).

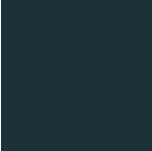
Dichromacy



Original Color
19332F

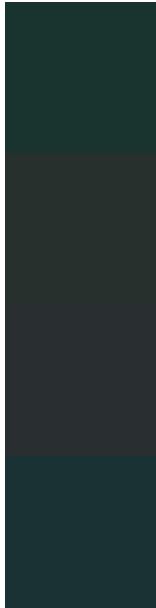
Protanopia
302E2C

Deuteranopia
322D30



Tritanopia
1B3236

Trichromacy



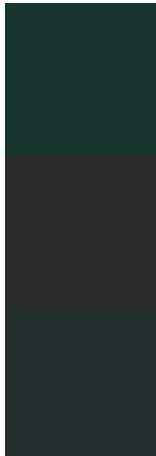
Original Color
19332F

Protanomaly
28302D

Deuteranomaly
292F30

Tritanomaly
1A3233

Monochromacy



Original Color
19332F

Achromatopsia
2B2B2B

Achromatomaly
242E2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 19332F 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 #19332F looks like.

```
.text, #text, p{  
    color:#19332F  
}
```

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 #19332F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #19332F
}
```

Border

The CSS property to change the border of an element to Hex 19332F is called "border". The border property can be set on classes, ids or directly on the HTML element.

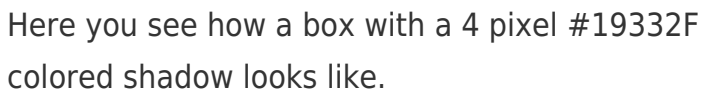
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#19332F }
```

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

```
.border{ border-color:#19332F }
```

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



Here you see how a box with a 4 pixel #19332F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #19332F; -webkit-box-shadow:4px 4px  
4px 4px #19332F; box-shadow:4px 4px 4px  
4px #19332F }
```

Background

The CSS property to change the background color of an element to Hex 19332F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#19332F }
```

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

```
.background{ background-color:#19332F }
```

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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