

Converting Colors

Hex(193133)

Have a look what the booklet for
Hex(193133) contains.

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Color

Hex(193133)

Conversions

Conversions Part 1

Format	Color
Hex	193133
RGB	25, 49, 51
RGB Percent	10%, 19%, 20%
CMY	0.9020, 0.8078, 0.8000
CMYK	0.51, 0.04, 0.00, 0.80
HSL	185°, 34%, 15%
HSV	185°, 51%, 20%
XYZ	2.0968, 2.6423, 3.5315
YIQ	42.0520, -14.9460, -4.4660

Conversions

Conversions Part 2

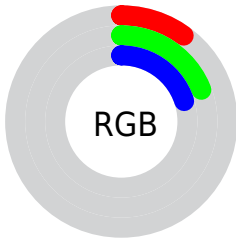
Format	Color
R_{YB}	25, 37, 51
Decimal	1650995
CIE _{Lab}	18.55, -8.69, -4.21
CIE _{LCh}	19, 9.661, 205.848
Yxy	2.6423, 0.2535, 0.3195
Android (android.graphics.Color)	4279841075 (0xFF193133)
YUV	42.0520, 4.4114, -14.9546
Hunter-Lab	16.2552, -5.4219, -1.5022

Details

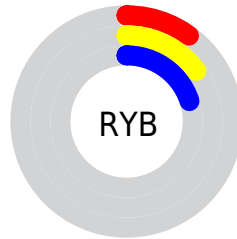
The Hex color **193133** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **331B19**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **465F61**, and **000004** is the 20% darker color. If you saturate the color by 10%, you get **143133**, and if you desaturate by 10%, it is **1E3133**.

Distribution



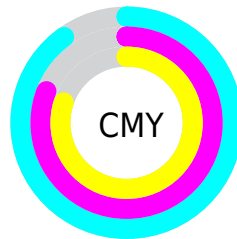
- Red (10%)
- Green (19%)
- Blue (20%)



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



- Cyan (51%)
- Magenta (4%)
- Yellow (0%)
- Black (80%)



- Cyan (90%)
- Magenta (81%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 193133 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 193133 by changing the saturation by 10% instead.

■ 193133

■ 193133

FFFFFF

■ 031C1E

■ 465F61

■ 000004

■ 5E787A

■ 000000

■ 789294

■ 91ACAE

■ ACC8CA

■ C8E4E6

■ E4FFFF

■ 193133

■ 193133

■ 143133

■ 1E3133

■ 0F3033

■ 233233

■ 0A3033

■ 283233

■ 052F33

■ 2D3333

■ 002F33

■ 333333

■ 383333

■ 3D3433

■ 423433

■ 473533

Harmonies

Analogous

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



1D312C



193133



1B3039

Triad

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



193133



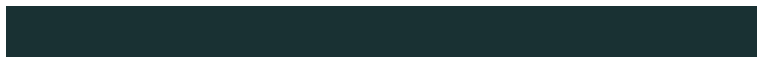
352935



332C1F

Complementary

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



193133



331B19

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.



392A22



193133



3A282E

Square

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



193133



2D2C3A



3B2827



2C2F21

Rectangle

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



193133



202F3B



3B2827



352C20

Sweetspot

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



193133



384242



19331B



1B2121



A1A1A1



212121

Same Dimension

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



193133



1A3F42



192433



17191A



005259



00C8D9

Inverse Universe

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



331931



421A3F



332819



1A1719



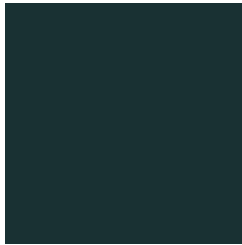
590052



D900C8

Previews

White Background



This preview shows how the Hex color 193133 looks on a white background.

Color Contrast Check

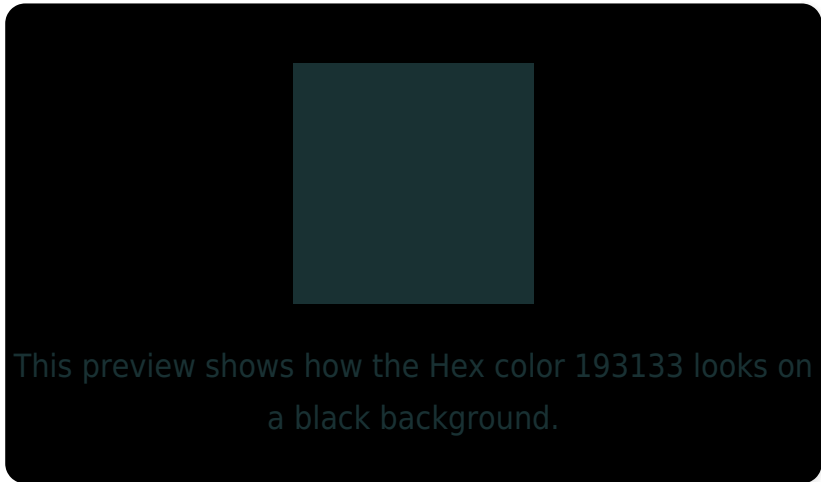
Large Text (above 18pt) WCAG AA ✓ Pass

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

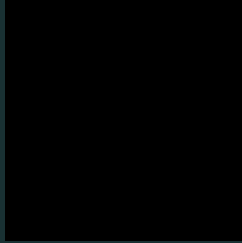
Any Text WCAG AA × Fail

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 193133 Background



This preview shows how black text looks on a background with the Hex color 193133.



This preview shows how white text looks on a background with the Hex color 193133.

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](#).

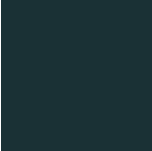
Dichromacy



Original Color
193133

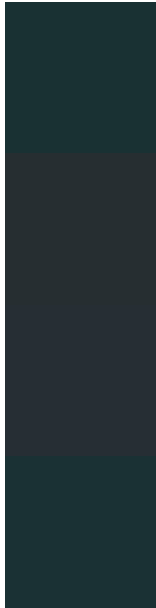
Protanopia
2D2D30

Deuteranopia
2E2C34



Tritanopia
1A3135

Trichromacy



Original Color
193133

Protanomaly
262E31

Deuteranomaly
262E34

Tritanomaly
1A3134

Monochromacy



Original Color
193133

Achromatopsia
2A2A2A

Achromatomaly
242D2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 193133 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 #193133 looks like.

```
.text, #text, p{  
    color:#193133  
}
```

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 #193133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #193133
}
```

Border

The CSS property to change the border of an element to Hex 193133 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
#193133 }
```

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

```
.border{ border-color:#193133 }
```

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

Here you see how a box with a 4 pixel #193133 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #193133; -webkit-box-shadow:4px 4px  
4px 4px #193133; box-shadow:4px 4px 4px  
4px #193133 }
```

Background

The CSS property to change the background color of an element to Hex 193133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#193133 }
```

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

```
.background{ background-color:#193133 }
```

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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