

Converting Colors

Hex(193C34)

Have a look what the booklet for
Hex(193C34) contains.

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Color

Hex(193C34)

Conversions

Conversions Part 1

Format	Color
Hex	193C34
RGB	25, 60, 52
RGB Percent	10%, 24%, 20%
CMY	0.9020, 0.7647, 0.7961
CMYK	0.58, 0.00, 0.13, 0.76
HSL	166°, 41%, 17%
HSV	166°, 58%, 24%
XYZ	2.6366, 3.6863, 3.8214
YIQ	48.6230, -18.2920, -9.9080

Conversions

Conversions Part 2

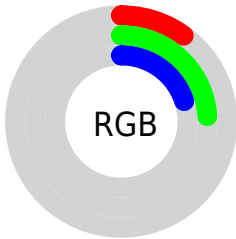
Format	Color
R_{YB}	25, 45, 60
Decimal	1653812
CIE _{Lab}	22.61, -15.05, 1.08
CIE _{LCh}	23, 15.086, 175.891
Yxy	3.6863, 0.2599, 0.3634
Android (android.graphics.Color)	4279843892 (0xFF193C34)
YUV	48.6230, 1.6649, -20.7174
Hunter-Lab	19.1998, -9.0873, 1.6392

Details

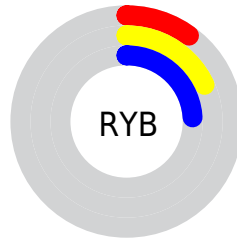
The Hex color **193C34** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3C1921**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **486C62**, and **001106** is the 20% darker color. If you saturate the color by 10%, you get **133C33**, and if you desaturate by 10%, it is **1F3C35**.

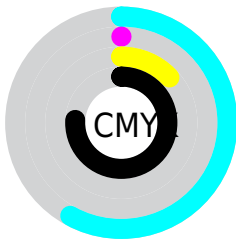
Distribution



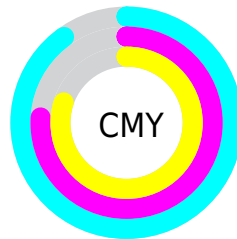
- Red (10%)
- Green (24%)
- Blue (20%)



- Red (10%)
- Yellow (18%)
- Blue (24%)



- Cyan (58%)
- Magenta (0%)
- Yellow (13%)
- Black (76%)



- Cyan (90%)
- Magenta (76%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 193C34 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 193C34 by changing the saturation by 10% instead.



193C34



193C34

FFFFFF



02261F



486C62



001106



60857B



000000



7A9F95



94BAB0



AFD6CB



CAF2E7



E7FFFF



193C34



193C34

■ 133C33

■ 1F3C35

■ 0D3C31

■ 253C37

■ 073C30

■ 2B3C38

■ 013C2F

■ 313C39

■ 003C2E

■ 373C3B

■ 3D3C3C

■ 433C3E

■ 493C3F

■ 4F3C40

Harmonies

Analogous

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



273B29



193C34



0F3C3F

Triad

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



193C34



35344A



483124

Complementary

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



193C34



3C1921

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.



4C2E2D



193C34



433043

Square

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



193C34



24384C



4B2E38



3F3520

Rectangle

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



193C34



103B46



4B2E38



4A3026

Sweetspot

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



193C34



414F4C



213C19



202927



A8A8A8



292929

Same Dimension

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



193C34



184F42



19333C



1C1F1E



005E49



00DEAB

Inverse Universe

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



3C1921



4F1824



3C2219



1F1C1C



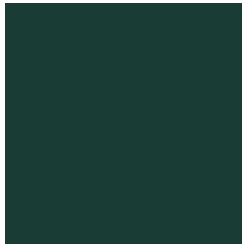
5E0016



DE0033

Previews

White Background



This preview shows how the Hex color 193C34 looks on a white background.

Color Contrast Check

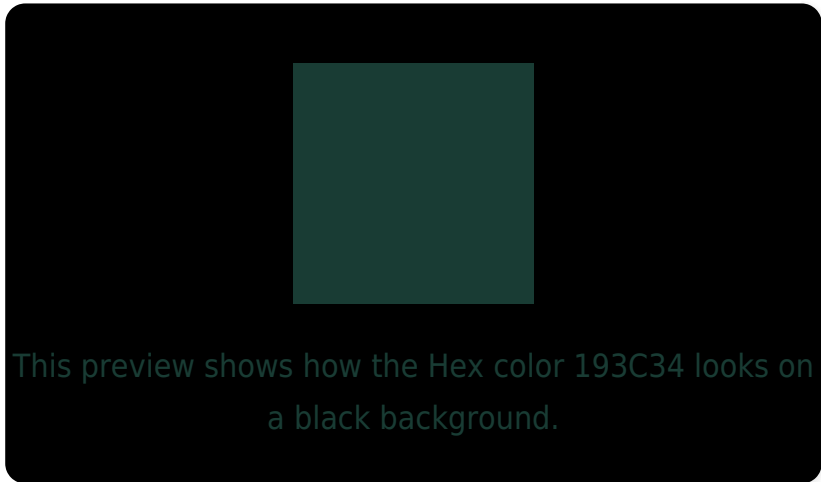
Large Text (above 18pt) WCAG AA ✓ Pass

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

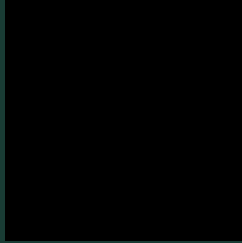
Any Text WCAG AA × Fail

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 193C34 Background



This preview shows how black text looks on a background with the Hex color 193C34.



This preview shows how white text looks on a background with the Hex color 193C34.

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
193C34

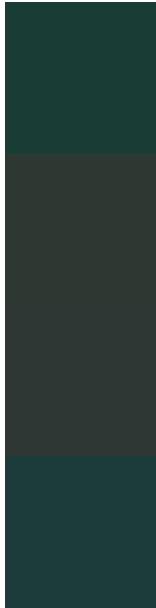
Protanopia
383631

Deuteranopia
3B3436



Tritanopia
1D3A3F

Trichromacy



Original Color
193C34

Protanomaly
2D3832

Deuteranomaly
2F3735

Tritanomaly
1C3B3B

Monochromacy



Original Color
193C34

Achromatopsia
313131

Achromatomaly
283532

CSS Examples

Text

The CSS property to change the color of the text to Hex 193C34 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 #193C34 looks like.

```
.text, #text, p{  
    color:#193C34  
}
```

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 #193C34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #193C34
}
```

Border

The CSS property to change the border of an element to Hex 193C34 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
#193C34 }
```

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

```
.border{ border-color:#193C34 }
```

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

Here you see how a box with a 4 pixel #193C34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #193C34; -webkit-box-shadow:4px 4px  
4px 4px #193C34; box-shadow:4px 4px 4px  
4px #193C34 }
```

Background

The CSS property to change the background color of an element to Hex 193C34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#193C34 }
```

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

```
.background{ background-color:#193C34 }
```

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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