

Converting Colors

Hex(183841)

Have a look what the booklet for
Hex(183841) contains.

Hex(183841)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(183841)

Conversions

Conversions Part 1

Format	Color
Hex	183841
RGB	24, 56, 65
RGB Percent	9%, 22%, 25%
CMY	0.9059, 0.7804, 0.7451
CMYK	0.63, 0.14, 0.00, 0.75
HSL	193°, 46%, 17%
HSV	193°, 63%, 25%
XYZ	2.7450, 3.4042, 5.5134
YIQ	47.4580, -21.9610, -3.9850

Conversions

Conversions Part 2

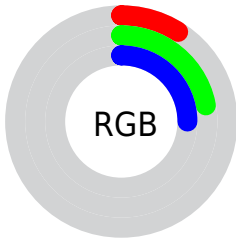
Format	Color
R_{YB}	24, 42, 65
Decimal	1587265
CIE _{Lab}	21.59, -8.64, -9.17
CIE _{LCh}	22, 12.603, 226.705
Yxy	3.4042, 0.2354, 0.2919
Android (android.graphics.Color)	4279777345 (0xFF183841)
YUV	47.4580, 8.6482, -20.5727
Hunter-Lab	18.4504, -5.7316, -4.8019

Details

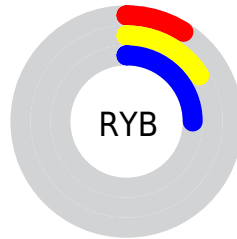
The Hex color **183841** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **412118**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **486771**, and **000C17** is the 20% darker color. If you saturate the color by 10%, you get **123741**, and if you desaturate by 10%, it is **1E3941**.

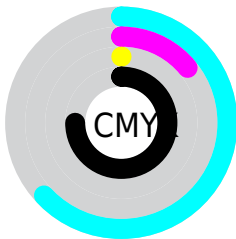
Distribution



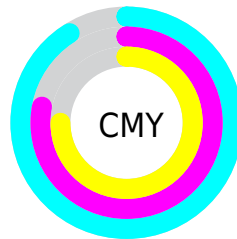
- Red (9%)
- Green (22%)
- Blue (25%)



- Red (9%)
- Yellow (16%)
- Blue (25%)



- Cyan (63%)
- Magenta (14%)
- Yellow (0%)
- Black (75%)



- Cyan (91%)
- Magenta (78%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 183841 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 183841 by changing the saturation by 10% instead.

■ 183841

■ 183841

FFFFFF

■ 00222B

■ 486771

■ 000C17

■ 60808A

■ 000000

■ 7A9AA5

■ 94B5C0

■ AFD0DB

■ CBEDF8

■ E7FFFF

■ 183841

■ 183841

■ 123741

■ 1E3941

■ 0B3541

■ 253B41

■ 053441

■ 2C3C41

■ 003341

■ 323E41

■ 393F41

■ 3F4141

■ 464241

■ 4C4341

■ 524541

Harmonies

Analogous

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



183939



183841



223646

Triad

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



183841



442D38



353522

Complementary

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



183841



412118

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.



3E3222



183841



472D2F

Square

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



183841



3B3041



442F27



2B3727

Rectangle

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



183841



2B3446



442F27



383421

Sweetspot

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



183841



445154



184121



21292B



ABABAB



2B2B2B

Same Dimension

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



183841



144654



182441



1E2021



004C61



00AFE0

Inverse Universe

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



411838



541446



413518



211E20



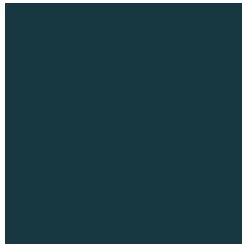
61004C



E000AF

Previews

White Background



This preview shows how the Hex color 183841 looks on a white background.

Color Contrast Check

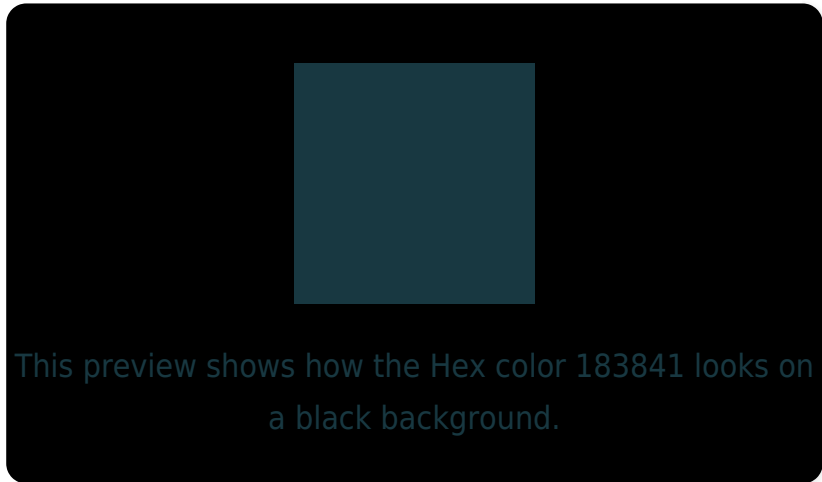
Large Text (above 18pt) WCAG AA ✓ Pass

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

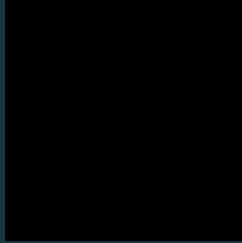
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

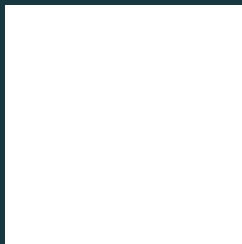
Any Text WCAG AAA × Fail

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

Hex 183841 Background



This preview shows how black text looks on a background with the Hex color 183841.



This preview shows how white text looks on a background with the Hex color 183841.

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](#).

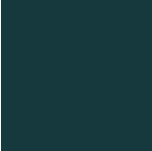
Dichromacy



Original Color
183841

Protanopia
32333E

Deuteranopia
313342



Tritanopia
16393D

Trichromacy



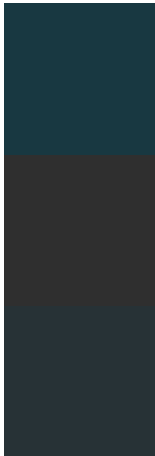
Original Color
183841

Protanomaly
29353F

Deuteranomaly
283542

Tritanomaly
17393E

Monochromacy



Original Color
183841

Achromatopsia
2F2F2F

Achromatomaly
273236

CSS Examples

Text

The CSS property to change the color of the text to Hex 183841 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 #183841 looks like.

```
.text, #text, p{  
    color:#183841  
}
```

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 #183841 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #183841
}
```

Border

The CSS property to change the border of an element to Hex 183841 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
#183841 }
```

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

```
.border{ border-color:#183841 }
```

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

Here you see how a box with a 4 pixel #183841 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #183841; -webkit-box-shadow:4px 4px  
4px 4px #183841; box-shadow:4px 4px 4px  
4px #183841 }
```

Background

The CSS property to change the background color of an element to Hex 183841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#183841 }
```

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

```
.background{ background-color:#183841 }
```

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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