

Converting Colors

Hex(183650)

Have a look what the booklet for
Hex(183650) contains.

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Color

Hex(183650)

Conversions

Conversions Part 1

Format	Color
Hex	183650
RGB	24, 54, 80
RGB Percent	9%, 21%, 31%
CMY	0.9059, 0.7882, 0.6863
CMYK	0.70, 0.32, 0.00, 0.69
HSL	208°, 54%, 20%
HSV	208°, 70%, 31%
XYZ	3.1438, 3.4117, 8.0822
YIQ	47.9940, -26.2260, 1.7260

Conversions

Conversions Part 2

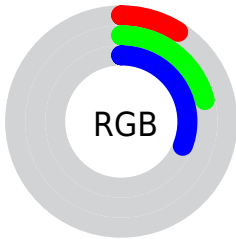
Format	Color
R_YB	24, 44, 80
Decimal	1586768
CIE _{Lab}	21.62, -1.67, -19.19
CIE _{LCh}	22, 19.259, 265.038
Yxy	3.4117, 0.2148, 0.2331
Android (android.graphics.Color)	4279776848 (0xFF183650)
YUV	47.9940, 15.7790, -21.0427
Hunter-Lab	18.4708, -1.9424, -13.0139

Details

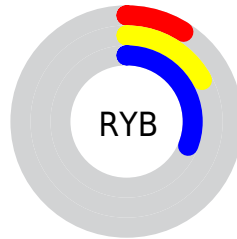
The Hex color **183650** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **503218**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **4A6481**, and **000924** is the 20% darker color. If you saturate the color by 10%, you get **103250**, and if you desaturate by 10%, it is **203A50**.

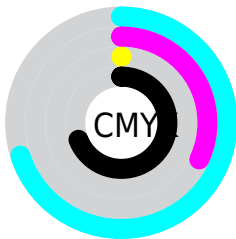
Distribution



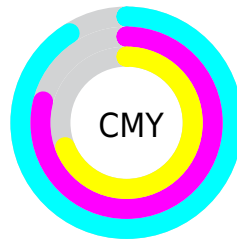
- Red (9%)
- Green (21%)
- Blue (31%)



- Red (9%)
- Yellow (17%)
- Blue (31%)



- Cyan (70%)
- Magenta (32%)
- Yellow (0%)
- Black (69%)



- Cyan (91%)
- Magenta (79%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 183650 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 183650 by changing the saturation by 10% instead.

■ 183650

■ 183650

FFFFFF

■ 002139

■ 4A6481

■ 000924

■ 637D9B

■ 00000B

■ 7D97B6

■ 000000

■ 98B2D2

■ B3CDEE

■ CFEAFF

■ EBFFFF

■ 183650

■ 183650

■ 103250

■ 203A50

■ 082F50

■ 283D50

■ 002B50

■ 304150

■ 384550

■ 404950

■ 484C50

■ 505050

■ 585450

■ 605750

Harmonies

Analogous

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



00394B



183650



32314E

Triad

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



183650



4F2929



203A23

Complementary

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



183650



503218

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.



313719



183650



4A2D1D

Square

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



183650



4D2937



3F3217



083B31

Rectangle

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



183650



3E2D48



3F3217



26391F

Sweetspot

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



183650



535E69



185031



282F36



B5B5B5



363636

Same Dimension

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



183650



114069



181B50



252729



003869



007CE8

Inverse Universe

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



501836



691140



504D18



292527



690038



E8007C

Previews

White Background



This preview shows how the Hex color 183650 looks on a white background.

Color Contrast Check

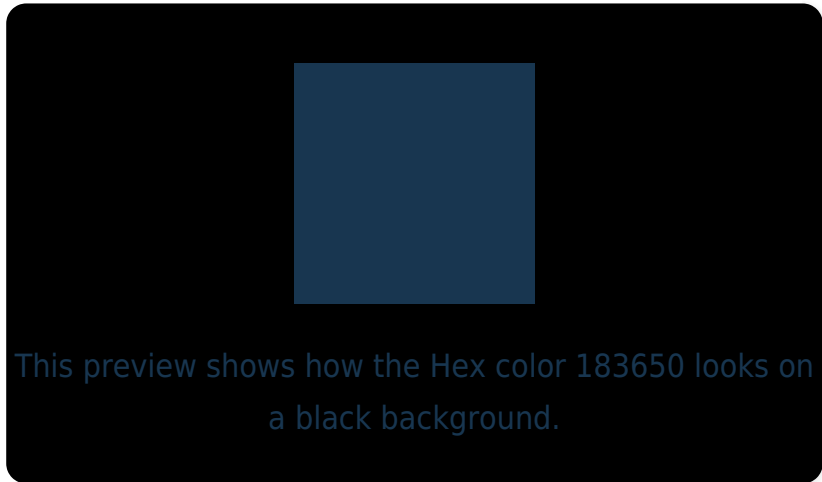
Large Text (above 18pt) WCAG AA ✓ Pass

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

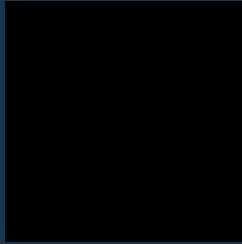
Any Text WCAG AA × Fail

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 183650 Background



This preview shows how black text looks on a background with the Hex color 183650.



This preview shows how white text looks on a background with the Hex color 183650.

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
183650

Protanopia
2B334D

Deuteranopia
253451



Tritanopia
093A3E

Trichromacy



Original Color
183650

Protanomaly
24344E

Deuteranomaly
203551

Tritanomaly
0E3945

Monochromacy



Original Color
183650

Achromatopsia
303030

Achromatomaly
27323C

CSS Examples

Text

The CSS property to change the color of the text to Hex 183650 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 #183650 looks like.

```
.text, #text, p{  
    color:#183650  
}
```

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 #183650 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #183650
}
```

Border

The CSS property to change the border of an element to Hex 183650 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
#183650 }
```

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

```
.border{ border-color:#183650 }
```

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

Here you see how a box with a 4 pixel #183650 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #183650; -webkit-box-shadow:4px 4px  
4px 4px #183650; box-shadow:4px 4px 4px  
4px #183650 }
```

Background

The CSS property to change the background color of an element to Hex 183650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#183650 }
```

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

```
.background{ background-color:#183650 }
```

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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