

Converting Colors

Hex(183768)

Have a look what the booklet for
Hex(183768) contains.

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Color

Hex(183768)

Conversions

Conversions Part 1

Format	Color
Hex	183768
RGB	24, 55, 104
RGB Percent	9%, 22%, 41%
CMY	0.9059, 0.7843, 0.5922
CMYK	0.77, 0.47, 0.00, 0.59
HSL	217°, 62%, 25%
HSV	217°, 77%, 41%
XYZ	4.2416, 3.9260, 13.6309
YIQ	51.3170, -34.2050, 8.6670

Conversions

Conversions Part 2

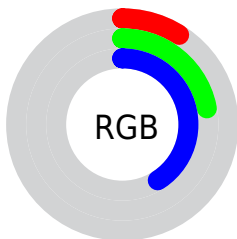
Format	Color
R_{YB}	24, 46, 104
Decimal	1587048
CIE _{Lab}	23.43, 7.41, -32.08
CIE _{LCh}	23, 32.921, 283.014
Yxy	3.9260, 0.1946, 0.1801
Android (android.graphics.Color)	4279777128 (0xFF183768)
YUV	51.3170, 25.9727, -23.9570
Hunter-Lab	19.8142, 3.5360, -26.9178

Details

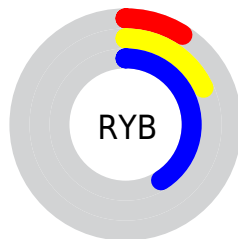
The Hex color **183768** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **684918**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **50659C**, and **000B38** is the 20% darker color. If you saturate the color by 10%, you get **0E3168**, and if you desaturate by 10%, it is **223D68**.

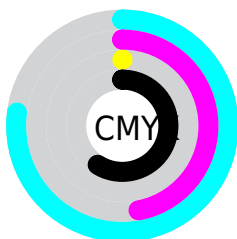
Distribution



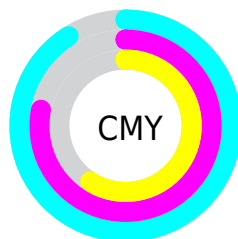
- Red (9%)
- Green (22%)
- Blue (41%)



- Red (9%)
- Yellow (18%)
- Blue (41%)



- Cyan (77%)
- Magenta (47%)
- Yellow (0%)
- Black (59%)



- Cyan (91%)
- Magenta (78%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 183768 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 183768 by changing the saturation by 10% instead.

■ 183768

■ 183768

FFFFFF

■ 002250

■ 50659C

■ 000B38

■ 6A7EB7

■ 000222

■ 8598D2

■ 000009

■ A0B3EF

■ 000000

■ BCCEFF

■ D8EAFF

■ F5FFFF

■ 183768

■ 183768

■ 0E3168

■ 223D68

■ 032A68

■ 2D4468

■ 002868

■ 374A68

■ 425068

■ 4C5768

■ 565D68

■ 616468

■ 6B6A68

■ 767068

Harmonies

Analogous

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



003E67



183768



472C5C

Triad

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



183768



5F2717



004229

Complementary

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



183768



684918

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.



1E4011



183768



4F3103

Square

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



183768



64202E



3A3A00



004342

Rectangle

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



183768



57254F



3A3A00



004220

Sweetspot

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



183768



687487



186848



323945



C4C4C4



454545

Same Dimension

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



183768



0B3B87



201868



2E3033



002C73



005EF2

Inverse Universe

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



681837



870B3B



606818



332E30



73002C



F2005E

Previews

White Background



This preview shows how the Hex color 183768 looks on a white background.

Color Contrast Check

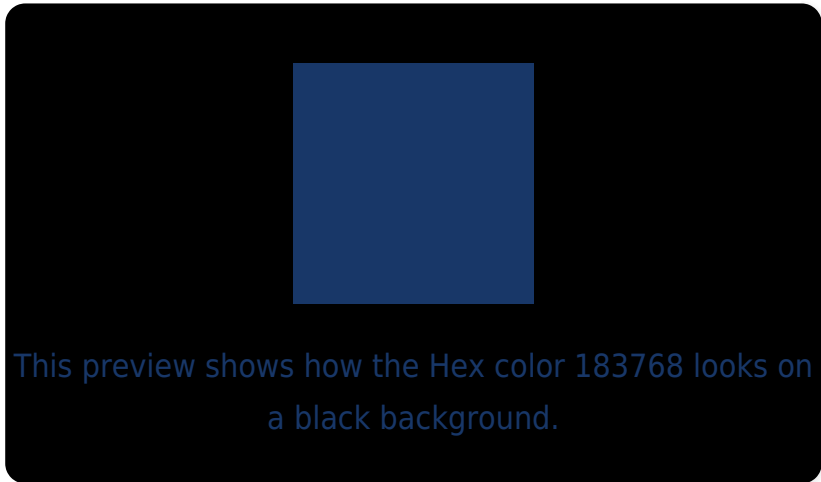
Large Text (above 18pt) WCAG AA ✓ Pass

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 183768 Background



This preview shows how black text looks on a background with the Hex color 183768.



This preview shows how white text looks on a background with the Hex color 183768.

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
183768

Protanopia
1F3667

Deuteranopia
003964



Tritanopia
003E43

Trichromacy



Original Color
183768

Protanomaly
1C3667

Deuteranomaly
093865

Tritanomaly
093B50

Monochromacy



Original Color
183768

Achromatopsia
333333

Achromatomaly
293446

CSS Examples

Text

The CSS property to change the color of the text to Hex 183768 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 #183768 looks like.

```
.text, #text, p{  
    color:#183768  
}
```

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 #183768 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #183768
}
```

Border

The CSS property to change the border of an element to Hex 183768 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
#183768 }
```

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

```
.border{ border-color:#183768 }
```

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

Here you see how a box with a 4 pixel #183768 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #183768; -webkit-box-shadow:4px 4px  
4px 4px #183768; box-shadow:4px 4px 4px  
4px #183768 }
```

Background

The CSS property to change the background color of an element to Hex 183768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#183768 }
```

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

```
.background{ background-color:#183768 }
```

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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