

Converting Colors

Hex(183D6A)

Have a look what the booklet for
Hex(183D6A) contains.

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Color

Hex(183D6A)

Conversions

Conversions Part 1

Format	Color
Hex	183D6A
RGB	24, 61, 106
RGB Percent	9%, 24%, 42%
CMY	0.9059, 0.7608, 0.5843
CMYK	0.77, 0.42, 0.00, 0.58
HSL	213°, 63%, 25%
HSV	213°, 77%, 42%
XYZ	4.6470, 4.5723, 14.2733
YIQ	55.0670, -36.4970, 6.1510

Conversions

Conversions Part 2

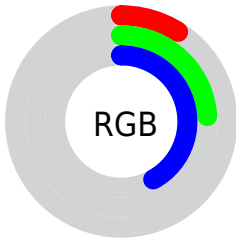
Format	Color
R_{YB}	24, 49, 106
Decimal	1588586
CIE _{Lab}	25.48, 4.04, -30.08
CIE _{LCh}	25, 30.351, 277.645
Yxy	4.5723, 0.1978, 0.1946
Android (android.graphics.Color)	4279778666 (0xFF183D6A)
YUV	55.0670, 25.1100, -27.2458
Hunter-Lab	21.3829, 1.3717, -24.6086

Details

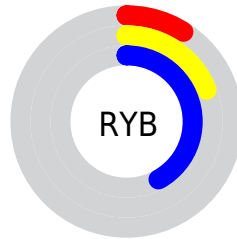
The Hex color **183D6A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6A4518**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **506C9E**, and **00133A** is the 20% darker color. If you saturate the color by 10%, you get **0D376A**, and if you desaturate by 10%, it is **23436A**.

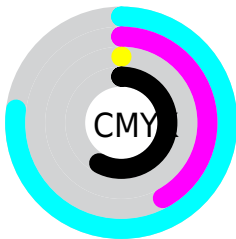
Distribution



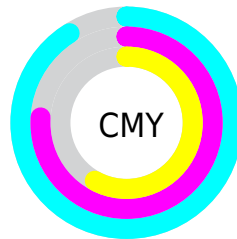
- Red (9%)
- Green (24%)
- Blue (42%)



- Red (9%)
- Yellow (19%)
- Blue (42%)



- Cyan (77%)
- Magenta (42%)
- Yellow (0%)
- Black (58%)



- Cyan (91%)
- Magenta (76%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 183D6A 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 183D6A by changing the saturation by 10% instead.

■ 183D6A

■ 183D6A

FFFFFF

■ 002852

■ 506C9E

■ 00133A

■ 6A85B9

■ 000224

■ 859FD5

■ 00000C

■ A1BAF1

■ 000000

■ BCD6FF

■ D9F2FF

■ F6FFFF

■ 183D6A

■ 183D6A

0D376A

23436A

03316A

2D496A

00306A

384E6A

42546A

4D5A6A

58606A

62666A

6D6C6A

77716A

Harmonies

Analogous

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



004367



183D6A



453461

Triad

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



183D6A



632C21



00462A

Complementary

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



183D6A



6A4518

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.



2B4316



183D6A



563511

Square

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



183D6A



662737



433D0A



004842

Rectangle

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



183D6A



572D55



433D0A



144523

Sweetspot

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



183D6A



6A788A



186A44



323A45



C4C4C4



454545

Same Dimension

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



183D6A



0A438A



1B186A



303336



003575



006EF5

Inverse Universe

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



6A183D



8A0A43



676A18



363033



750035



F5006E

Previews

White Background



This preview shows how the Hex color 183D6A looks on a white background.

Color Contrast Check

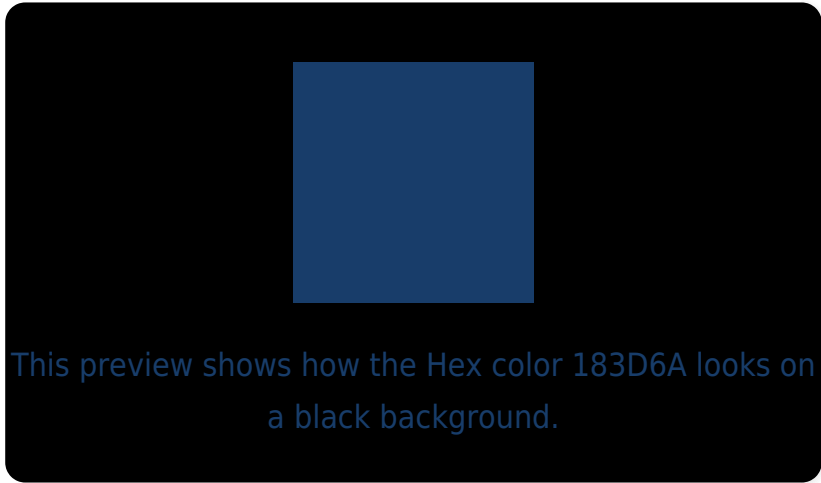
Large Text (above 18pt) WCAG AA ✓ Pass

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 183D6A Background



This preview shows how black text looks on a background with the Hex color 183D6A.

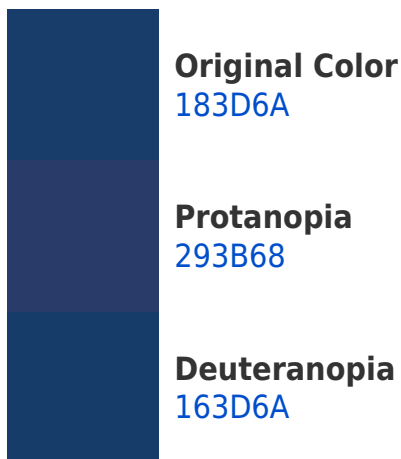


This preview shows how white text looks on a background with the Hex color 183D6A.

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



Trichromacy



Original Color
183D6A

Protanomaly
233C69

Deuteranomaly
173D6A

Tritanomaly
094154

Monochromacy



Original Color
183D6A

Achromatopsia
373737

Achromatomaly
2C394A

CSS Examples

Text

The CSS property to change the color of the text to Hex 183D6A 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 #183D6A looks like.

```
.text, #text, p{  
    color:#183D6A  
}
```

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 #183D6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #183D6A
}
```

Border

The CSS property to change the border of an element to Hex 183D6A 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".

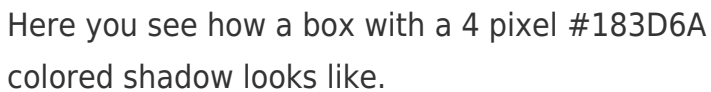
```
.border, #border, table{ border:4px solid
#183D6A }
```

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

```
.border{ border-color:#183D6A }
```

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

Here you see how a box with a 4 pixel #183D6A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #183D6A; -webkit-box-shadow:4px 4px  
4px 4px #183D6A; box-shadow:4px 4px 4px  
4px #183D6A }
```

Background

The CSS property to change the background color of an element to Hex 183D6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#183D6A }
```

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

```
.background{ background-color:#183D6A }
```

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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