

# Converting Colors

Hex(183C7A)

Have a look what the booklet for  
Hex(183C7A) contains.

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# Color

**Hex(183C7A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	183C7A
RGB	24, 60, 122
RGB Percent	9%, 24%, 48%
CMY	0.9059, 0.7647, 0.5216
CMYK	0.80, 0.51, 0.00, 0.52
HSL	218°, 67%, 29%
HSV	218°, 80%, 48%
XYZ	5.5054, 4.8310, 19.0547
YIQ	56.3040, -41.3580, 11.6500

# Conversions

## Conversions Part 2

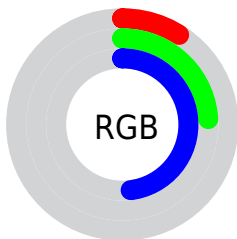
Format	Color
<b>R<sub>YB</sub></b>	24, 50, 122
Decimal	1588346
CIE Lab	26.25, 11.36, -39.03
CIE LCh	26, 40.646, 286.222
Yxy	4.8310, 0.1873, 0.1644
Android (android.graphics.Color)	4279778426 (0xFF183C7A)
YUV	56.3040, 32.3881, -28.3306
Hunter-Lab	21.9796, 6.2458, -36.0141

# Details

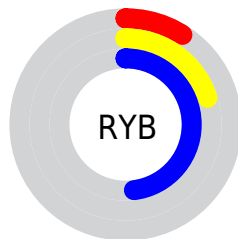
The Hex color **183C7A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7A5618**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **546BAF**, and **001349** is the 20% darker color. If you saturate the color by 10%, you get **0C347A**, and if you desaturate by 10%, it is **24447A**.

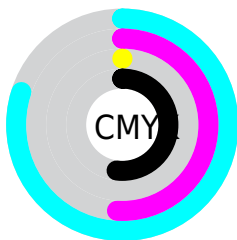
# Distribution



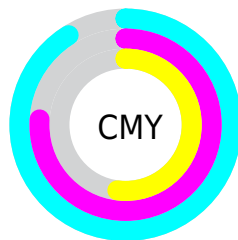
- Red (9%)
- Green (24%)
- Blue (48%)



- Red (9%)
- Yellow (20%)
- Blue (48%)



- Cyan (80%)
- Magenta (51%)
- Yellow (0%)
- Black (52%)



- Cyan (91%)
- Magenta (76%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 183C7A 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 183C7A by changing the saturation by 10% instead.



■ 183C7A

■ 183C7A

FFFFFF

■ 002761

■ 546BAF

■ 001349

■ 6F84CB

■ 000431

■ 8B9EE7

■ 00011C

■ A7B9FF

■ 000000

■ C3D4FF

■ E0F1FF

■ FDFFFF

■ 183C7A

■ 183C7A

■ 0C347A

■ 24447A

■ 002D7A

■ 304B7A

■ 3D537A

■ 495B7A

■ 55637A

■ 616A7A

■ 6D727A

■ 7A7A7A

■ 86817A

# Harmonies

## Analogous

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



00467A



183C7A



542E69

# Triad

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



183C7A



6C2912



004B2E

# Complementary

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



183C7A



7A5618

# 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.



15480E



183C7A



583700

# Square

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



183C7A



751D2F



3D4200



004C4F

# Rectangle

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



183C7A



682358



3D4200



004A24



# Sweetspot

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



183C7A



78869E



187A54



38414F



CFCFCF



4F4F4F



# Same Dimension

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



183C7A



063E9E



23187A



37393D



002E7D



005DFC



# Inverse Universe

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



7A183C



9E063E



6F7A18



3D3739



7D002E



FC005D



# Previews

## White Background



This preview shows how the Hex color 183C7A looks on a white background.

## Color Contrast Check

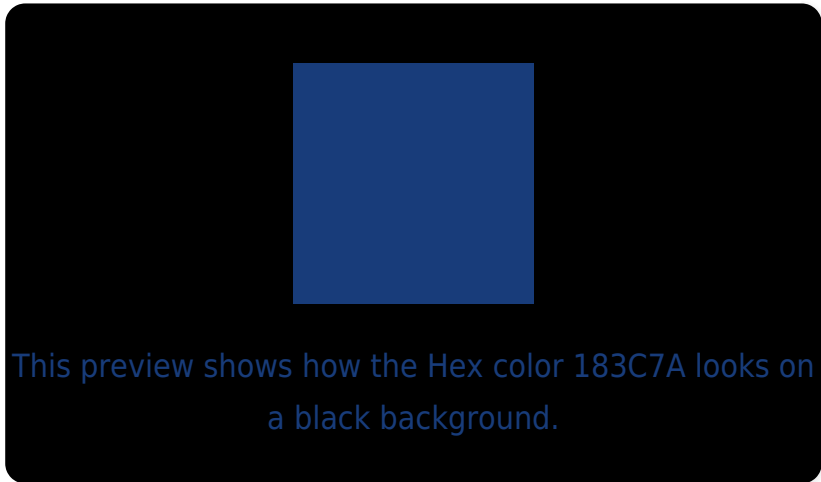
Large Text (above 18pt) WCAG AA ✓ Pass

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 183C7A Background



This preview shows how black text looks on a background with the Hex color 183C7A.



This preview shows how white text looks on a background with the Hex color 183C7A.

# 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**  
183C7A

**Protanopia**  
183C7A

**Deuteranopia**  
00406F



**Tritanopia**  
00454A

# Trichromacy



**Original Color**  
183C7A

**Protanomaly**  
183C7A

**Deuteranomaly**  
093F73

**Tritanomaly**  
09425B

# Monochromacy



**Original Color**  
183C7A

**Achromatopsia**  
383838

**Achromatomaly**  
2C3950

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 183C7A 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 #183C7A looks like.

```
.text, #text, p{  
    color:#183C7A  
}
```

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 #183C7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #183C7A
}
```

## Border

The CSS property to change the border of an element to Hex 183C7A 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
#183C7A }
```

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

```
.border{ border-color:#183C7A }
```

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

Here you see how a box with a 4 pixel #183C7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #183C7A; -webkit-box-shadow:4px 4px  
4px 4px #183C7A; box-shadow:4px 4px 4px  
4px #183C7A }
```

# Background

The CSS property to change the background color of an element to Hex 183C7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#183C7A }
```

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

```
.background{ background-color:#183C7A }
```

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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