

# Converting Colors

Hex(183C70)

Have a look what the booklet for  
Hex(183C70) contains.

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# Color

**Hex(183C70)**

# Conversions

## Conversions Part 1

Format	Color
Hex	183C70
RGB	24, 60, 112
RGB Percent	9%, 24%, 44%
CMY	0.9059, 0.7647, 0.5608
CMYK	0.79, 0.46, 0.00, 0.56
HSL	215°, 65%, 27%
HSV	215°, 79%, 44%
XYZ	4.9172, 4.5958, 15.9571
YIQ	55.1640, -38.1480, 8.5400

# Conversions

## Conversions Part 2

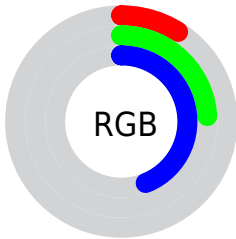
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 50, 112
Decimal	1588336
CIE <sub>Lab</sub>	25.55, 7.21, -33.81
CIE <sub>LCh</sub>	26, 34.567, 282.039
Yxy	4.5958, 0.1931, 0.1804
Android (android.graphics.Color)	4279778416 (0xFF183C70)
<b>YUV</b>	55.1640, 28.0201, -27.3308
Hunter-Lab	21.4377, 3.4266, -29.1260

# Details

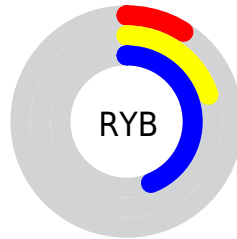
The Hex color **183C70** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **704C18**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **516BA4**, and **001240** is the 20% darker color. If you saturate the color by 10%, you get **0D3570**, and if you desaturate by 10%, it is **234370**.

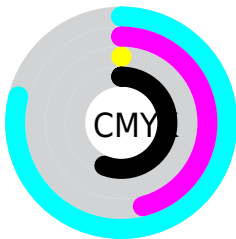
# Distribution



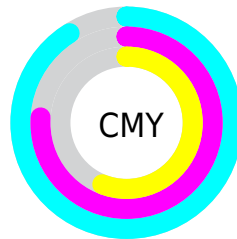
- Red (9%)
- Green (24%)
- Blue (44%)



- Red (9%)
- Yellow (20%)
- Blue (44%)



- Cyan (79%)
- Magenta (46%)
- Yellow (0%)
- Black (56%)



- Cyan (91%)
- Magenta (76%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 183C70 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 183C70 by changing the saturation by 10% instead.



■ 183C70

■ 183C70

FFFFFF

■ 002757

■ 516BA4

■ 001240

■ 6C84BF

■ 000329

■ 879EDB

■ 000113

■ A3B9F8

■ 000000

■ BFD4FF

■ DCF1FF

■ F9FFFF

■ 183C70

■ 183C70

■ 0D3570

■ 234370

■ 022F70

■ 2E4970

■ 002E70

■ 3A5070

■ 455670

■ 505D70

■ 5B6470

■ 666A70

■ 727170

■ 7D7870

# Harmonies

## Analogous

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



00446E



183C70



4B3164

# Triad

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



183C70



662A1B



00482B

# Complementary

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



183C70



704C18

# 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.



224512



183C70



563506

# Square

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



183C70



6C2333



403F01



004947

# Rectangle

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



183C70



5D2956



403F01



004723



# Sweetspot

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



183C70



6E7D91



18704B



353D4A



C9C9C9



4A4A4A



# Same Dimension

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



183C70



094191



1F1870



323538



003178



0065F7



# Inverse Universe

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



70183C



910941



697018



383235



780031



F70065



# Previews

## White Background



This preview shows how the Hex color 183C70 looks on a white background.

## Color Contrast Check

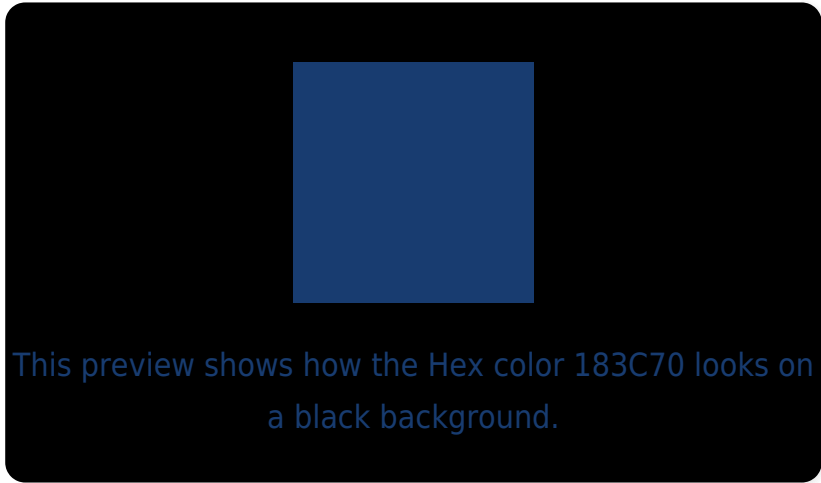
Large Text (above 18pt) WCAG AA ✓ Pass

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

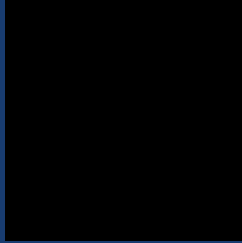
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 183C70 Background



This preview shows how black text looks on a background with the Hex color 183C70.



This preview shows how white text looks on a background with the Hex color 183C70.

# 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**  
183C70

**Protanopia**  
223B6F

**Deuteranopia**  
003E6D



# Trichromacy



**Original Color**  
183C70

**Protanomaly**  
1E3B6F

**Deuteranomaly**  
093D6E

**Tritanomaly**  
094057

# Monochromacy



**Original Color**  
183C70

**Achromatopsia**  
373737

**Achromatomaly**  
2C394C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 183C70 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 #183C70 looks like.

```
.text, #text, p{  
    color:#183C70  
}
```

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 #183C70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #183C70
}
```

## Border

The CSS property to change the border of an element to Hex 183C70 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
#183C70 }
```

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

```
.border{ border-color:#183C70 }
```

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

Here you see how a box with a 4 pixel #183C70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #183C70; -webkit-box-shadow:4px 4px  
4px 4px #183C70; box-shadow:4px 4px 4px  
4px #183C70 }
```

# Background

The CSS property to change the background color of an element to Hex 183C70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#183C70 }
```

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

```
.background{ background-color:#183C70 }
```

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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