

# Converting Colors

Hex(182C6F)

Have a look what the booklet for  
Hex(182C6F) contains.

<b>Hex(182C6F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(182C6F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	182C6F
RGB	24, 44, 111
RGB Percent	9%, 17%, 44%
CMY	0.9059, 0.8275, 0.5647
CMYK	0.78, 0.60, 0.00, 0.56
HSL	226°, 64%, 26%
HSV	226°, 78%, 44%
XYZ	4.1466, 3.1433, 15.4271
YIQ	45.6580, -33.4270, 16.5970

# Conversions

## Conversions Part 2

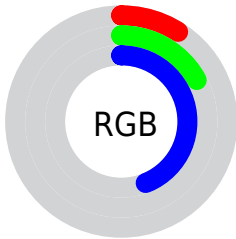
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 40, 111
Decimal	1584239
CIE <sub>Lab</sub>	20.61, 18.22, -41.15
CIE <sub>LCh</sub>	21, 45.000, 293.885
Y <sub>xy</sub>	3.1433, 0.1825, 0.1384
Android (android.graphics.Color)	4279774319 (0xFF182C6F)
YUV	45.6580, 32.2136, -18.9941
Hunter-Lab	17.7292, 10.7225, -39.1808

# Details

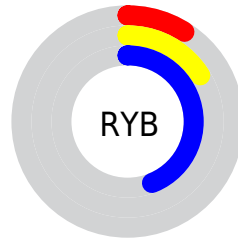
The Hex color **182C6F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **6F5B18**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **5259A3**, and **00003F** is the 20% darker color. If you saturate the color by 10%, you get **0D236F**, and if you desaturate by 10%, it is **23356F**.

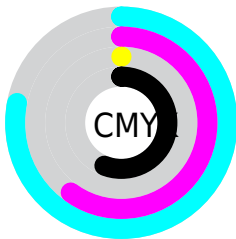
# Distribution



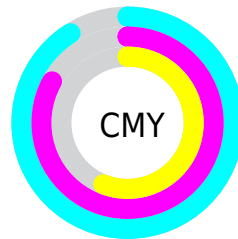
- Red (9%)
- Green (17%)
- Blue (44%)



- Red (9%)
- Yellow (16%)
- Blue (44%)



- Cyan (78%)
- Magenta (60%)
- Yellow (0%)
- Black (56%)



- Cyan (91%)
- Magenta (83%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 182C6F 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 182C6F by changing the saturation by 10% instead.



■ 182C6F

■ 182C6F

FFFFFF

■ 001856

■ 5259A3

■ 00003F

■ 6D72BF

■ 000328

■ 888BDB

■ 000111

■ A4A5F8

■ 000000

■ C0C0FF

■ DDDCFE

■ FAF9FF

■ 182C6F

■ 182C6F

■ 0D236F

■ 23356F

■ 021B6F

■ 2E3D6F

■ 001A6F

■ 39466F

■ 444E6F

■ 50576F

■ 5B5F6F

■ 66686F

■ 71706F

■ 7C796F

# Harmonies

## Analogous

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



003874



182C6F



511859

# Triad

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



182C6F



5C1E00



003F2A

# Complementary

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



182C6F



6F5B18

# 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.



003D03



182C6F



442E00

# Square

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



182C6F



680519



253800



003F4C

# Rectangle

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



182C6F



620545



253800



003E1E



# Sweetspot

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



182C6F



6E7691



186F5B



35394A



C9C9C9



4A4A4A



# Same Dimension

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



182C6F



092891



2F186F



323438



001C78



0039F7



# Inverse Universe

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



6F182C



910928



586F18



383234



78001C



F70039



# Previews

## White Background



This preview shows how the Hex color 182C6F looks on a white background.

## Color Contrast Check

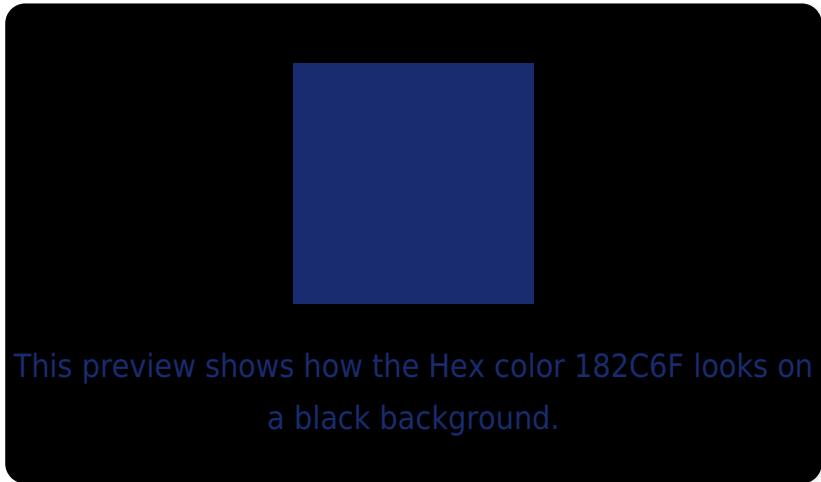
Large Text (above 18pt) WCAG AA ✓ Pass

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

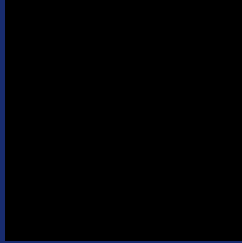
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 182C6F Background



This preview shows how black text looks on a background with the Hex color 182C6F.



This preview shows how white text looks on a background with the Hex color 182C6F.

# 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**  
182C6F

**Protanopia**  
003066

**Deuteranopia**  
003357



**Tritanopia**  
00373B

# Trichromacy



**Original Color**  
182C6F

**Protanomaly**  
092F69

**Deuteranomaly**  
093060

**Tritanomaly**  
09334E

# Monochromacy



**Original Color**  
182C6F

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
262D46

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 182C6F 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 #182C6F looks like.

```
.text, #text, p{  
    color:#182C6F  
}
```

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 #182C6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #182C6F
}
```

## Border

The CSS property to change the border of an element to Hex 182C6F 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".

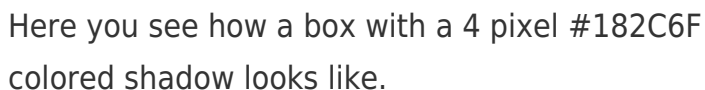
```
.border, #border, table{ border:4px solid
#182C6F }
```

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

```
.border{ border-color:#182C6F }
```

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

Here you see how a box with a 4 pixel #182C6F colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin blue border. The shadow is a thick, dark blue horizontal bar at the bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #182C6F; -webkit-box-shadow:4px 4px  
4px 4px #182C6F; box-shadow:4px 4px 4px  
4px #182C6F }
```

# Background

The CSS property to change the background color of an element to Hex 182C6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#182C6F }
```

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

```
.background{ background-color:#182C6F }
```

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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