

# Converting Colors

Hex(136B6B)

Have a look what the booklet for  
Hex(136B6B) contains.

<b>Hex(136B6B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(136B6B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	136B6B
RGB	19, 107, 107
RGB Percent	7%, 42%, 42%
CMY	0.9255, 0.5804, 0.5804
CMYK	0.82, 0.00, 0.00, 0.58
HSL	180°, 70%, 25%
HSV	180°, 82%, 42%
XYZ	8.1801, 11.7154, 15.7401
YIQ	80.6880, -52.4480, -18.6560

# Conversions

## Conversions Part 2

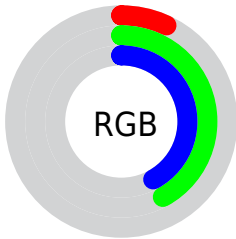
<b>Format</b>	<b>Color</b>
<b>RYB</b>	19, 63, 107
Decimal	1272683
CIELab	40.76, -23.90, -7.10
CIELCh	41, 24.934, 196.551
Yxy	11.7154, 0.2295, 0.3288
Android (android.graphics.Color)	4279462763 (0xFF136B6B)
YUV	80.6880, 12.9718, -54.1004
Hunter-Lab	34.2277, -17.2388, -3.3059

# Details

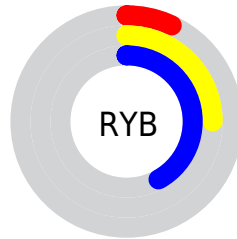
The Hex color **136B6B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6B1313**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **519F9E**, and **003B3C** is the 20% darker color. If you saturate the color by 10%, you get **086B6B**, and if you desaturate by 10%, it is **1E6B6B**.

# Distribution



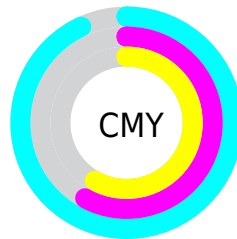
- Red (7%)
- Green (42%)
- Blue (42%)



- Red (7%)
- Yellow (25%)
- Blue (42%)



- Cyan (82%)
- Magenta (0%)
- Yellow (0%)
- Black (58%)



- Cyan (93%)
- Magenta (58%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 136B6B 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 136B6B by changing the saturation by 10% instead.




 136B6B

 136B6B

FFFFFF

 005253

 519F9E

 003B3C

 6DBAB9

 002526

 89D6D5

 000612

 A4F2F1

 000000

 C1FFFF

 DEFFFF

 FBFFFF

 136B6B

 136B6B

08B6B

1E6B6B

00B6B

28B6B

33B6B

3EB6B

49B6B

53B6B

5EB6B

69B6B

73B6B

# Harmonies

## Analogous

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



316A56



136B6B



0E697D

# Triad

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



136B6B



71577C



765C38

# Complementary

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



136B6B



6B1313

# 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.



835543



136B6B



82516A

# Square

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



136B6B



555E87



885155



626238

# Rectangle

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



136B6B



266785



885155



7B593B



# Sweetspot

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



136B6B



698C8C



136B13



324747



C7C7C7



474747



# Same Dimension

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



136B6B



018C8C



133F6B



303636



007575



00F5F5



# Inverse Universe

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



6B136B



8C018C



6B3F13



363036



750075

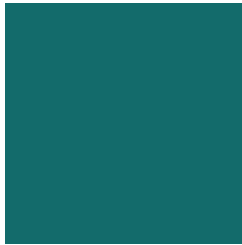


F500F5



# Previews

## White Background



This preview shows how the Hex color 136B6B looks on a white background.

## Color Contrast Check

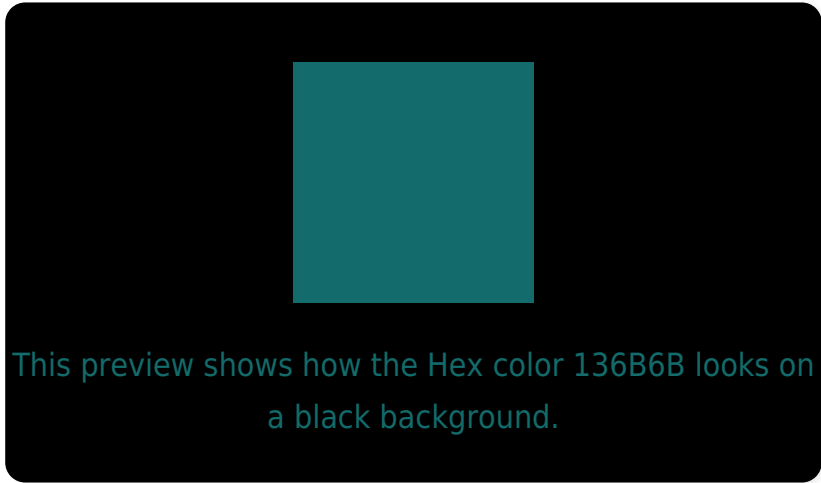
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

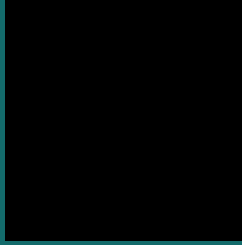
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 136B6B Background



This preview shows how black text looks on a background with the Hex color 136B6B.

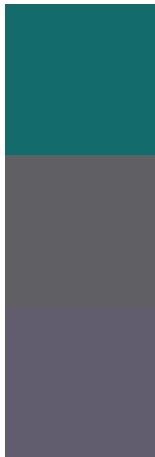


This preview shows how white text looks on a background with the Hex color 136B6B.

# 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**  
136B6B

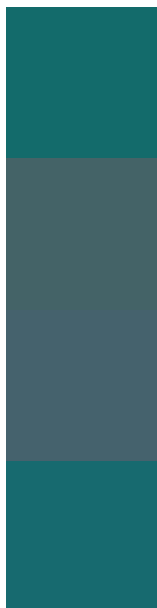
**Protanopia**  
605F64

**Deuteranopia**  
625D6E



**Tritanopia**  
1A6A72

# Trichromacy



**Original Color**

136B6B

**Protanomaly**

446367

**Deuteranomaly**

45626D

**Tritanomaly**

176A6F

# Monochromacy



**Original Color**

136B6B

**Achromatopsia**

515151

**Achromatomaly**

3A5A5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 136B6B 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 #136B6B looks like.

```
.text, #text, p{  
    color:#136B6B  
}
```

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 #136B6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #136B6B
}
```

## Border

The CSS property to change the border of an element to Hex 136B6B 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
#136B6B }
```

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

```
.border{ border-color:#136B6B }
```

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

Here you see how a box with a 4 pixel #136B6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #136B6B; -webkit-box-shadow:4px 4px  
4px 4px #136B6B; box-shadow:4px 4px 4px  
4px #136B6B }
```

# Background

The CSS property to change the background color of an element to Hex 136B6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#136B6B }
```

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

```
.background{ background-color:#136B6B }
```

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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