

# Converting Colors

Hex(186B94)

Have a look what the booklet for  
Hex(186B94) contains.

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# Color

**Hex(186B94)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	186B94
RGB	24, 107, 148
RGB Percent	9%, 42%, 58%
CMY	0.9059, 0.5804, 0.4196
CMYK	0.84, 0.28, 0.00, 0.42
HSL	200°, 72%, 34%
HSV	200°, 84%, 58%
XYZ	10.9797, 12.8477, 29.9181
YIQ	86.8570, -62.6290, -4.8450

# Conversions

## Conversions Part 2

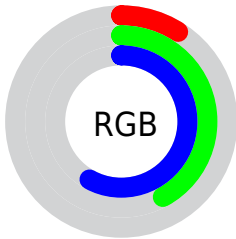
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 74, 148
Decimal	1600404
CIE <sub>Lab</sub>	42.53, -8.78, -29.10
CIE <sub>LCh</sub>	43, 30.402, 253.204
Yxy	12.8477, 0.2043, 0.2390
Android (android.graphics.Color)	4279790484 (0xFF186B94)
YUV	86.8570, 30.1435, -55.1256
Hunter-Lab	35.8437, -8.0481, -24.3978

# Details

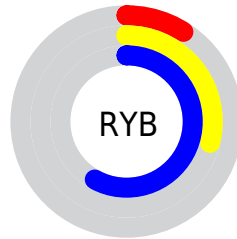
The Hex color **186B94** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **944118**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **5B9ECA**, and **003C61** is the 20% darker color. If you saturate the color by 10%, you get **096694**, and if you desaturate by 10%, it is **277094**.

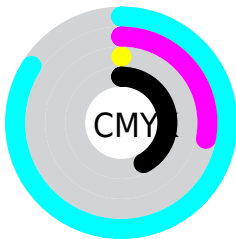
# Distribution



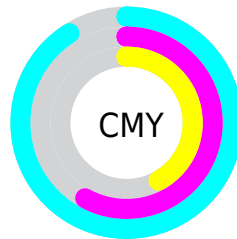
- Red (9%)
- Green (42%)
- Blue (58%)



- Red (9%)
- Yellow (29%)
- Blue (58%)



- Cyan (84%)
- Magenta (28%)
- Yellow (0%)
- Black (42%)



- Cyan (91%)
- Magenta (58%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 186B94 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 186B94 by changing the saturation by 10% instead.



 186B94

 186B94

FFFFFF

 00537A

 5B9ECA

 003C61

 77B9E6

 002649

 94D5FF

 001232

 B1F1FF

 00021D

 CEFFFF

 000000

 EBFFFF

 186B94

 186B94

 096694

 277094

■ 006394

■ 367594

■ 447A94

■ 537F94

■ 628394

■ 718894

■ 808D94

■ 8E9294

■ 9D9794

# Harmonies

## Analogous

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



007086



186B94



506395

# Triad

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



186B94



94505A



4D6D3F

# Complementary

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



186B94



944118

# 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.



696632



186B94



905543

# Square

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



186B94



8C5274



805E34



2A7055

# Rectangle

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



186B94



6A5D8E



805E34



576B39



# Sweetspot

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



186B94



8FAFBF



18943F



445761



E0E0E0



616161



# Same Dimension

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



186B94



0080BF



182F94



43484A



005C8A



00070A



# Inverse Universe

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



94186B



BF0080



947D18



4A4348



8A005C



0A0007



# Previews

## White Background



This preview shows how the Hex color 186B94 looks on a white background.

## Color Contrast Check

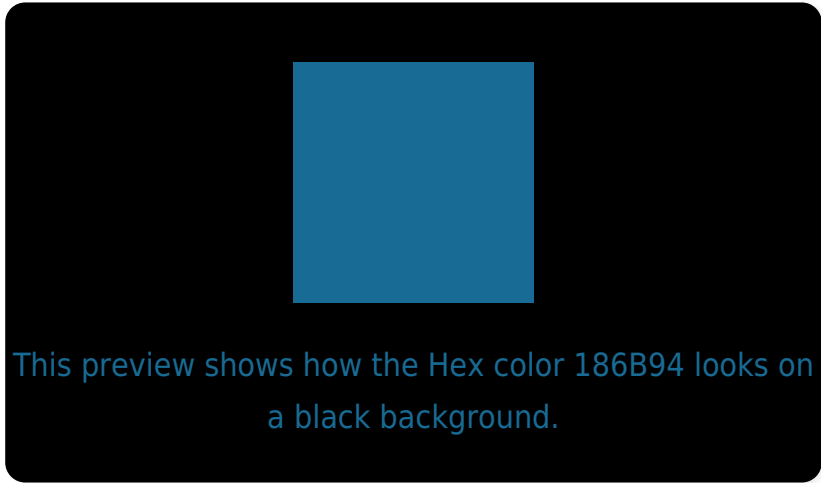
Large Text (above 18pt) WCAG AA ✓ Pass

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

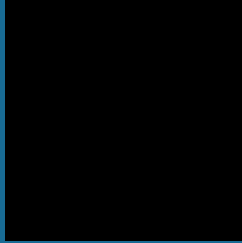
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 186B94 Background



This preview shows how black text looks on a background with the Hex color 186B94.

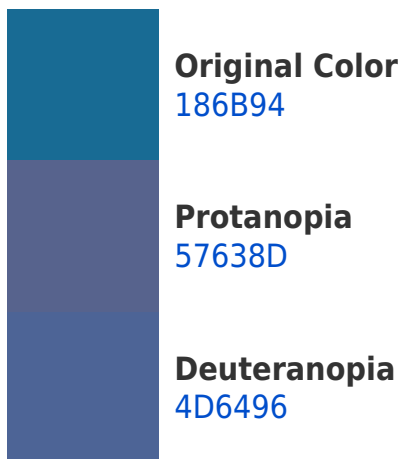


This preview shows how white text looks on a background with the Hex color 186B94.

# 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**  
186B94

**Protanomaly**  
406690

**Deuteranomaly**  
3A6795

# Monochromacy



**Original Color**  
186B94

**Achromatopsia**  
575757

**Achromatomaly**  
405E6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 186B94 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 #186B94 looks like.

```
.text, #text, p{  
    color:#186B94  
}
```

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 #186B94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #186B94
}
```

## Border

The CSS property to change the border of an element to Hex 186B94 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
#186B94 }
```

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

```
.border{ border-color:#186B94 }
```

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

Here you see how a box with a 4 pixel #186B94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #186B94; -webkit-box-shadow:4px 4px  
4px 4px #186B94; box-shadow:4px 4px 4px  
4px #186B94 }
```

# Background

The CSS property to change the background color of an element to Hex 186B94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#186B94 }
```

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

```
.background{ background-color:#186B94 }
```

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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