

# Converting Colors

Hex(185E5F)

Have a look what the booklet for  
Hex(185E5F) contains.

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# Color

**Hex(185E5F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	185E5F
RGB	24, 94, 95
RGB Percent	9%, 37%, 37%
CMY	0.9059, 0.6314, 0.6275
CMYK	0.75, 0.01, 0.00, 0.63
HSL	181°, 60%, 23%
HSV	181°, 75%, 37%
XYZ	6.4450, 9.0258, 12.2289
YIQ	73.1840, -42.0410, -14.5290

# Conversions

## Conversions Part 2

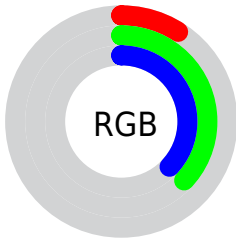
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 59, 95
Decimal	1597023
CIE Lab	36.03, -20.39, -6.78
CIE LCh	36, 21.492, 198.394
Yxy	9.0258, 0.2327, 0.3258
Android (android.graphics.Color)	4279787103 (0xFF185E5F)
YUV	73.1840, 10.7553, -43.1344
Hunter-Lab	30.0430, -14.2827, -3.1038

# Details

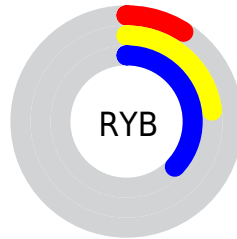
The Hex color **185E5F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5F1918**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **509191**, and **002F31** is the 20% darker color. If you saturate the color by 10%, you get **0F5E5F**, and if you desaturate by 10%, it is **225E5F**.

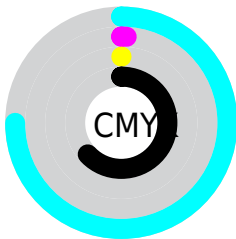
# Distribution



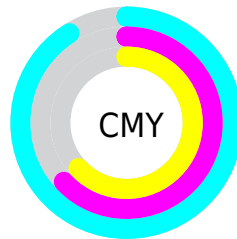
- Red (9%)
- Green (37%)
- Blue (37%)



- Red (9%)
- Yellow (23%)
- Blue (37%)



- Cyan (75%)
- Magenta (1%)
- Yellow (0%)
- Black (63%)



- Cyan (91%)
- Magenta (63%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 185E5F 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 185E5F by changing the saturation by 10% instead.



■ 185E5F

■ 185E5F

FFFFFF

■ 004647

■ 509191

■ 002F31

■ 6BABAC

■ 001C1C

■ 86C7C7

■ 000000

■ A1E3E3

■ BDFFFF

■ DAFFFF

■ F7FFFF

■ 185E5F

■ 185E5F

■ 0F5E5F

■ 225E5F

■ 055E5F

■ 2B5E5F

■ 005E5F

■ 355E5F

■ 3E5F5F

■ 485F5F

■ 515F5F

■ 5B5F5F

■ 645F5F

■ 6E5F5F

# Harmonies

## Analogous

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



2D5E4D



185E5F



185C6E

# Triad

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



185E5F



644D6C



665133

# Complementary

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



185E5F



5F1918

# 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.



724C3C



185E5F



72485C

# Square

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



185E5F



4D5375



77484B



565734

# Rectangle

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



185E5F



285A74



77484B



6B4F35



# Sweetspot

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



185E5F



5F7A7A



185F18



2D3D3D



BDBDBD



3D3D3D



# Same Dimension

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



185E5F



0C797A



183C5F



2C3030



006F70



00ECF0



# Inverse Universe

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



5F185E



7A0C79



5F3C18



302C30



70006F

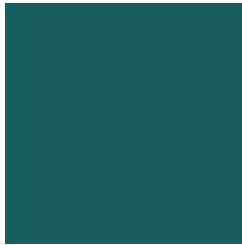


F000EC



# Previews

## White Background



This preview shows how the Hex color 185E5F looks on a white background.

## Color Contrast Check

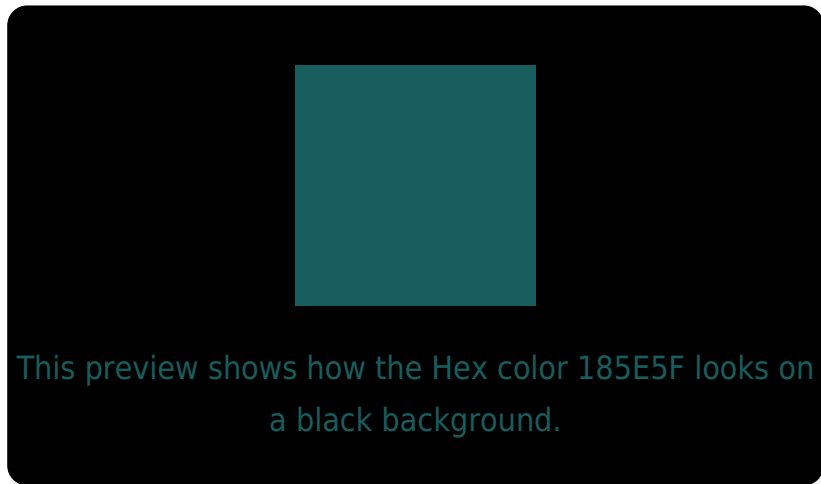
Large Text (above 18pt) WCAG AA ✓ Pass

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

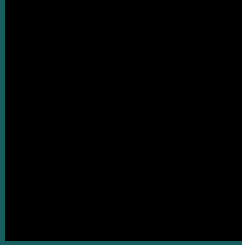
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 185E5F Background



This preview shows how black text looks on a background with the Hex color 185E5F.

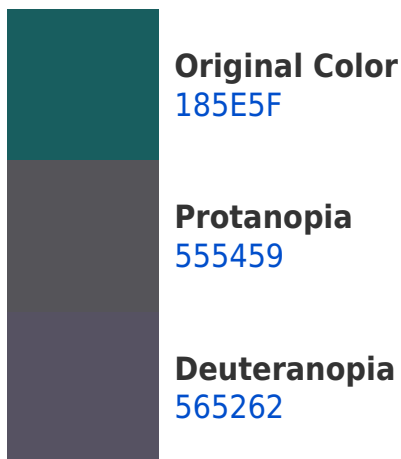


This preview shows how white text looks on a background with the Hex color 185E5F.

# 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](#).

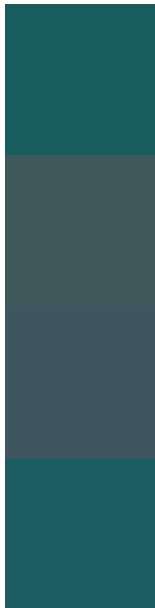
## Dichromacy





**Tritanopia**  
1C5D65

# Trichromacy



**Original Color**  
185E5F

**Protanomaly**  
3F585B

**Deuteranomaly**  
3F5661

**Tritanomaly**  
1B5D63

# Monochromacy



**Original Color**  
185E5F

**Achromatopsia**  
494949

**Achromatomaly**  
375151

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 185E5F 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 #185E5F looks like.

```
.text, #text, p{  
    color:#185E5F  
}
```

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 #185E5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #185E5F
}
```

## Border

The CSS property to change the border of an element to Hex 185E5F 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
#185E5F }
```

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

```
.border{ border-color:#185E5F }
```

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

Here you see how a box with a 4 pixel #185E5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #185E5F; -webkit-box-shadow:4px 4px  
4px 4px #185E5F; box-shadow:4px 4px 4px  
4px #185E5F }
```

# Background

The CSS property to change the background color of an element to Hex 185E5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#185E5F }
```

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

```
.background{ background-color:#185E5F }
```

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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