

# Converting Colors

Hex(195E77)

Have a look what the booklet for  
Hex(195E77) contains.

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# Color

**Hex(195E77)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	195E77
RGB	25, 94, 119
RGB Percent	10%, 37%, 47%
CMY	0.9020, 0.6314, 0.5333
CMYK	0.79, 0.21, 0.00, 0.53
HSL	196°, 65%, 28%
HSV	196°, 79%, 47%
XYZ	7.7334, 9.5440, 18.8873
YIQ	76.2190, -49.1490, -6.8530

# Conversions

## Conversions Part 2

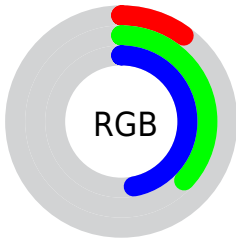
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 65, 119
Decimal	1662583
CIE <sub>Lab</sub>	37.01, -11.84, -20.14
CIE <sub>LCh</sub>	37, 23.362, 239.561
Yxy	9.5440, 0.2138, 0.2639
Android (android.graphics.Color)	4279852663 (0xFF195E77)
YUV	76.2190, 21.0910, -44.9191
Hunter-Lab	30.8933, -9.3803, -14.6229

# Details

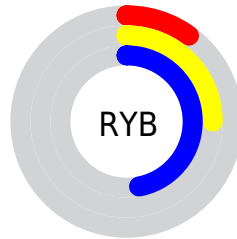
The Hex color **195E77** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **773219**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **5590AB**, and **003046** is the 20% darker color. If you saturate the color by 10%, you get **0D5B77**, and if you desaturate by 10%, it is **256177**.

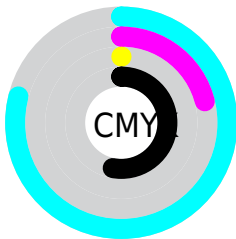
# Distribution



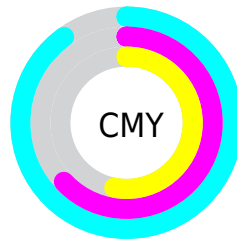
- Red (10%)
- Green (37%)
- Blue (47%)



- Red (10%)
- Yellow (25%)
- Blue (47%)



- Cyan (79%)
- Magenta (21%)
- Yellow (0%)
- Black (53%)



- Cyan (90%)
- Magenta (63%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 195E77 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 195E77 by changing the saturation by 10% instead.



■ 195E77

■ 195E77

FFFFFF

■ 00465E

■ 5590AB

■ 003046

■ 70ABC7

■ 001C30

■ 8BC6E3

■ 00011B

■ A7E2FF

■ 000000

■ C4FFFF

■ E1FFFF

■ FEFFFF

■ 195E77

■ 195E77

■ 0D5B77

■ 256177

■ 015877

■ 316477

■ 005777

■ 3D6777

■ 496B77

■ 546E77

■ 607177

■ 6C7477

■ 787777

■ 847A77

# Harmonies

## Analogous

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



056169



195E77



3B597C

# Triad

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



195E77



7A4858



505B36

# Complementary

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



195E77



773219

# 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.



645631



195E77



7B4A45

# Square

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



195E77



6E4C6A



734F37



3A5F43

# Rectangle

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



195E77



50557A



734F37



575A33



# Sweetspot

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



195E77



76929C



197730



38494F



CFCFCF



4F4F4F



# Same Dimension

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



195E77



08749C



193077



35393B



005A7A



00B7FA



# Inverse Universe

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



77195E



9C0874



776019



3B3539



7A005A



FA00B7



# Previews

## White Background



This preview shows how the Hex color 195E77 looks on a white background.

## Color Contrast Check

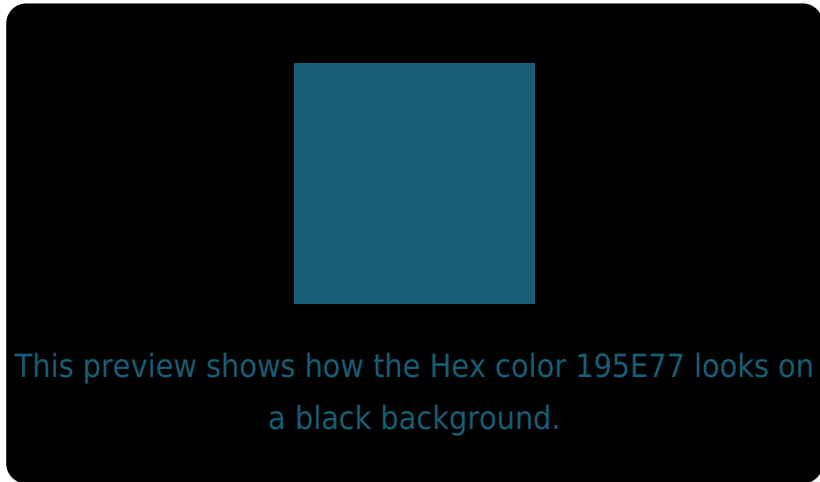
Large Text (above 18pt) WCAG AA ✓ Pass

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

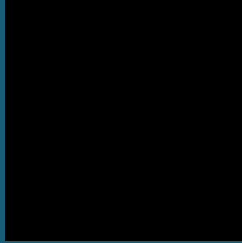
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 195E77 Background



This preview shows how black text looks on a background with the Hex color 195E77.



This preview shows how white text looks on a background with the Hex color 195E77.

# 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](#).

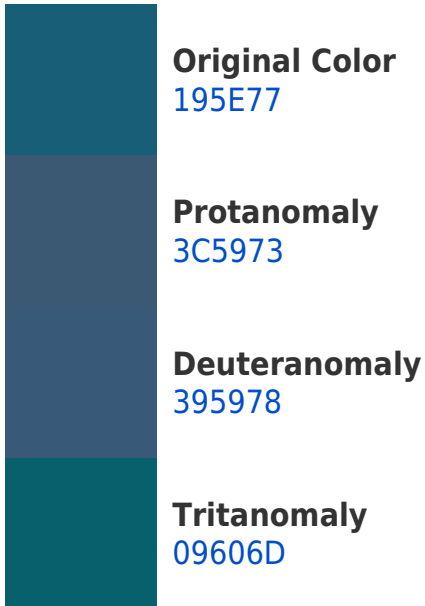
## Dichromacy





**Tritanopia**  
006168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 195E77 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 #195E77 looks like.

```
.text, #text, p{  
    color:#195E77  
}
```

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 #195E77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #195E77  
}
```

## Border

The CSS property to change the border of an element to Hex 195E77 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  
#195E77 }
```

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

```
.border{ border-color:#195E77 }
```

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

Here you see how a box with a 4 pixel #195E77 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #195E77; -webkit-box-shadow:4px 4px  
4px 4px #195E77; box-shadow:4px 4px 4px  
4px #195E77 }
```

# Background

The CSS property to change the background color of an element to Hex 195E77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#195E77 }
```

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

```
.background{ background-color:#195E77 }
```

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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