

# Converting Colors

Hex(195C81)

Have a look what the booklet for  
Hex(195C81) contains.

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# Color

**Hex(195C81)**

# Conversions

## Conversions Part 1

Format	Color
Hex	195C81
RGB	25, 92, 129
RGB Percent	10%, 36%, 51%
CMY	0.9020, 0.6392, 0.4941
CMYK	0.81, 0.29, 0.00, 0.49
HSL	201°, 68%, 30%
HSV	201°, 81%, 51%
XYZ	8.1905, 9.4459, 22.1604
YIQ	76.1850, -51.8090, -2.6970

# Conversions

## Conversions Part 2

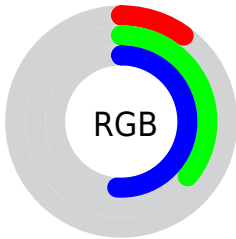
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	25, 66, 129
Decimal	1662081
CIE <sub>Lab</sub>	36.83, -6.86, -26.56
CIE <sub>LCh</sub>	37, 27.432, 255.511
Yxy	9.4459, 0.2058, 0.2374
Android (android.graphics.Color)	4279852161 (0xFF195C81)
YUV	76.1850, 26.0378, -44.8892
Hunter-Lab	30.7343, -6.2158, -21.2361




# Details

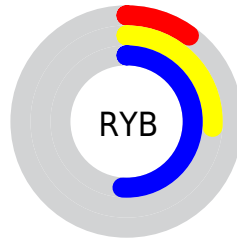
The Hex color **195C81** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **813E19**, and the grayscale version is **4C4C4C**.




A 20% lighter version of the original color is **568EB6**, and **002E4F** is the 20% darker color. If you saturate the color by 10%, you get **0C5781**, and if you desaturate by 10%, it is **266181**.

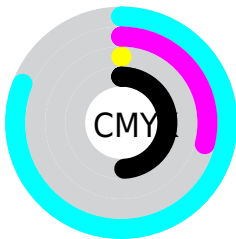
# Distribution







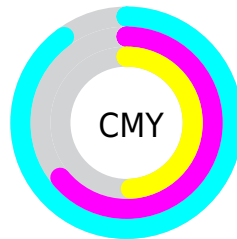
-  Red (10%)
-  Green (36%)
-  Blue (51%)






-  Red (10%)
-  Yellow (26%)
-  Blue (51%)



-  Cyan (81%)
-  Magenta (29%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (90%)
-  Magenta (64%)
-  Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 195C81 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 195C81 by changing the saturation by 10% instead.



■ 195C81

■ 195C81

FFFFFF

■ 004568

■ 568EB6

■ 002E4F

■ 72A8D2

■ 001A38

■ 8EC4EE

■ 000223

■ AAE0FF

■ 000009

■ C7FCFF

■ 000000

■ E4FFFF

■ 195C81

■ 195C81

■ 0C5781

■ 266181

■ 005381

■ 336581

■ 406A81

■ 4D6E81

■ 5A7381

■ 667881

■ 737C81

■ 808181

■ 8D8581

# Harmonies

## Analogous

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



006075



195C81



485581

# Triad

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



195C81



81454C



405E37

# Complementary

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



195C81



813E19

# 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.



59592B



195C81



7C4A38

# Square

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



195C81



7A4662



6E522C



20614B

# Rectangle

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



195C81



5E4F7B



6E522C



495D32



# Sweetspot

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



195C81



809AA8



19813D



3C4B54



D4D4D4



545454



# Same Dimension

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



195C81



056EA8



192981



393D40



005280



000000



# Inverse Universe

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



81195C



A8056E



817119



40393D



800052



000000



# Previews

## White Background



This preview shows how the Hex color 195C81 looks on a white background.

## Color Contrast Check

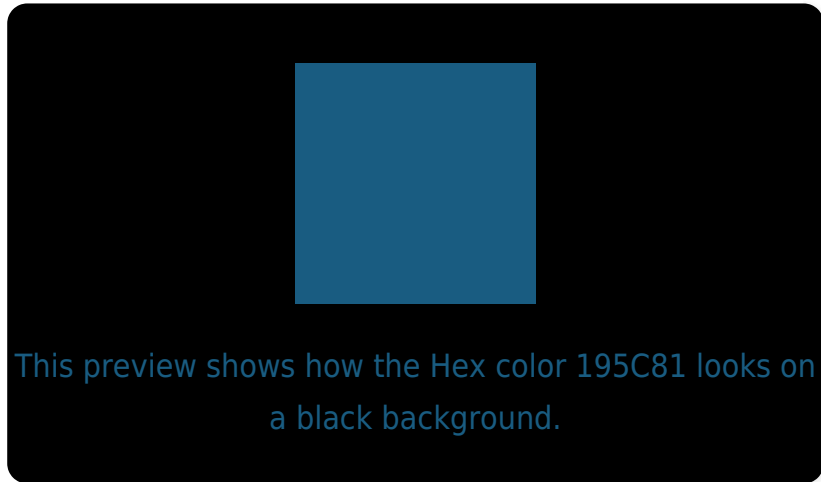
Large Text (above 18pt) WCAG AA ✓ Pass

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

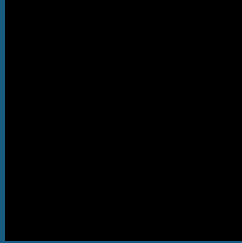
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 195C81 Background



This preview shows how black text looks on a background with the Hex color 195C81.

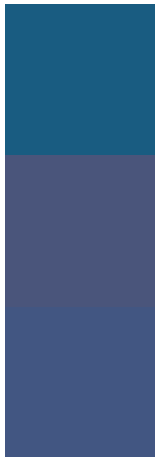


This preview shows how white text looks on a background with the Hex color 195C81.

# 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



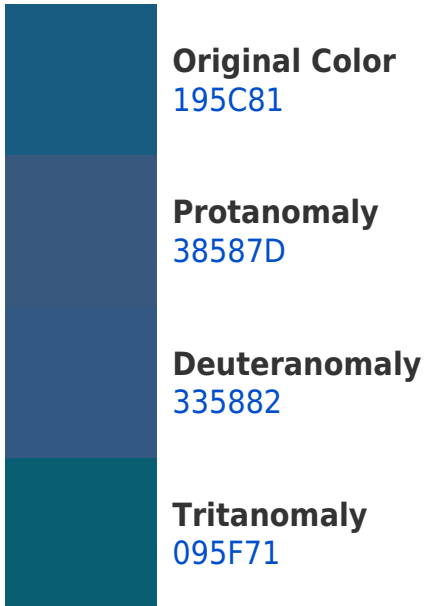
**Original Color**  
195C81

**Protanopia**  
4A557B

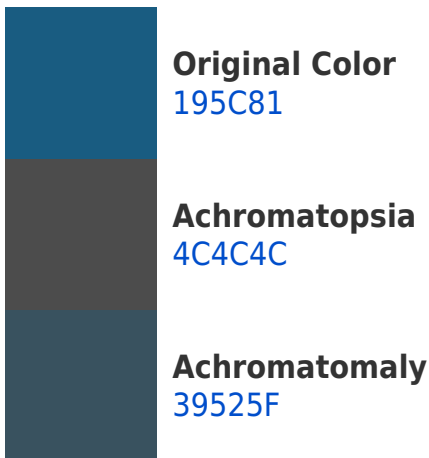
**Deuteranopia**  
425682



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 195C81 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 #195C81 looks like.

```
.text, #text, p{  
    color:#195C81  
}
```

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 #195C81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #195C81
}
```

## Border

The CSS property to change the border of an element to Hex 195C81 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
#195C81 }
```

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

```
.border{ border-color:#195C81 }
```

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

Here you see how a box with a 4 pixel #195C81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #195C81; -webkit-box-shadow:4px 4px  
4px 4px #195C81; box-shadow:4px 4px 4px  
4px #195C81 }
```

# Background

The CSS property to change the background color of an element to Hex 195C81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#195C81 }
```

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

```
.background{ background-color:#195C81 }
```

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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