

Converting Colors

Hex(195681)

Have a look what the booklet for
Hex(195681) contains.

Hex(195681)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(195681)

Conversions

Conversions Part 1

Format	Color
Hex	195681
RGB	25, 86, 129
RGB Percent	10%, 34%, 51%
CMY	0.9020, 0.6627, 0.4941
CMYK	0.81, 0.33, 0.00, 0.49
HSL	205°, 68%, 30%
HSV	205°, 81%, 51%
XYZ	7.6911, 8.4472, 21.9940
YIQ	72.6630, -50.1590, 0.4410

Conversions

Conversions Part 2

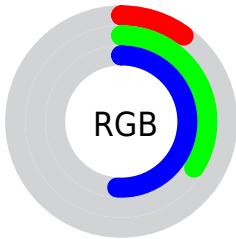
Format	Color
R_{YB}	25, 63, 129
Decimal	1660545
CIE _{Lab}	34.90, -3.12, -29.59
CIE _{LCh}	35, 29.758, 263.982
Yxy	8.4472, 0.2017, 0.2215
Android (android.graphics.Color)	4279850625 (0xFF195681)
YUV	72.6630, 27.7741, -41.8005
Hunter-Lab	29.0641, -3.6264, -24.5223

Details

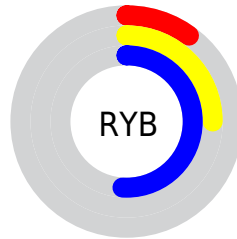
The Hex color **195681** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **814419**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **5687B6**, and **00294F** is the 20% darker color. If you saturate the color by 10%, you get **0C5181**, and if you desaturate by 10%, it is **265B81**.

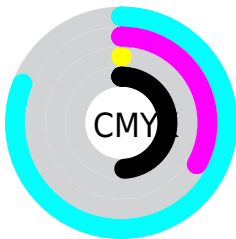
Distribution



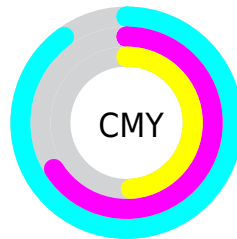
- Red (10%)
- Green (34%)
- Blue (51%)



- Red (10%)
- Yellow (25%)
- Blue (51%)



- Cyan (81%)
- Magenta (33%)
- Yellow (0%)
- Black (49%)



- Cyan (90%)
- Magenta (66%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 195681 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 195681 by changing the saturation by 10% instead.

■ 195681

■ 195681

FFFFFF

■ 003F68

■ 5687B6

■ 00294F

■ 72A2D2

■ 001538

■ 8DBDEE

■ 000222

■ AAD8FF

■ 000009

■ C6F5FF

■ 000000

■ E3FFFF

■ 195681

■ 195681

■ 0C5181

■ 265B81

■ 004C81

■ 336181

■ 406681

■ 4D6B81

■ 5A7181

■ 667681

■ 737B81

■ 808181

■ 8D8681

Harmonies

Analogous

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



005B78



195681



4C4E7D

Triad

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



195681



7E3F40



315B35

Complementary

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



195681



814419

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.



4D5625



195681



76462C

Square

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



195681



7B3F58



644F22



005E4C

Rectangle

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



195681



624774



644F22



3B5A2F

Sweetspot

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



195681



8098A8



198143



3C4A54



D4D4D4



545454

Same Dimension

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



195681



0565A8



192381



393D40



004B80



000000

Inverse Universe

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



811956



A80565



817719



40393D



80004B



000000

Previews

White Background



This preview shows how the Hex color 195681 looks on a white background.

Color Contrast Check

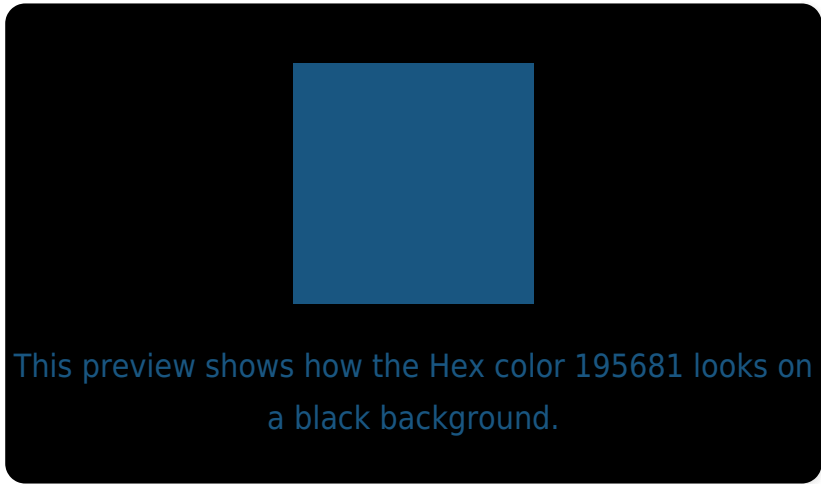
Large Text (above 18pt) WCAG AA ✓ Pass

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 195681 Background



This preview shows how black text looks on a background with the Hex color 195681.



This preview shows how white text looks on a background with the Hex color 195681.

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](#).

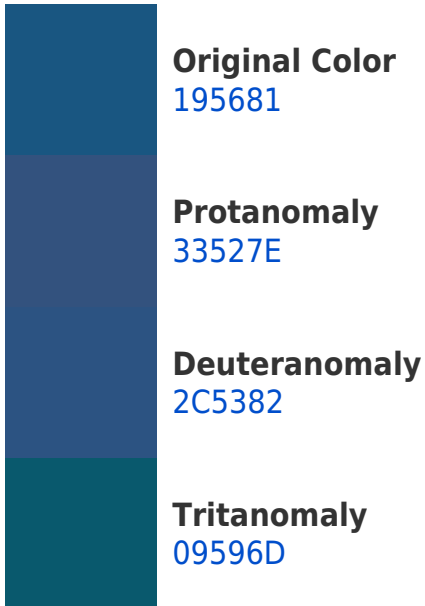
Dichromacy



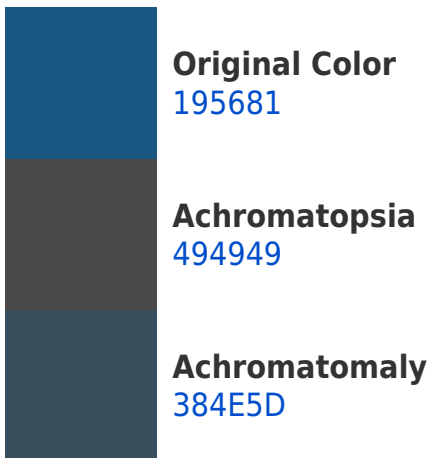


Tritanopia
005B62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 195681 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 #195681 looks like.

```
.text, #text, p{  
    color:#195681  
}
```

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 #195681 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #195681
}
```

Border

The CSS property to change the border of an element to Hex 195681 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
#195681 }
```

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

```
.border{ border-color:#195681 }
```

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

Here you see how a box with a 4 pixel #195681 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #195681; -webkit-box-shadow:4px 4px  
4px 4px #195681; box-shadow:4px 4px 4px  
4px #195681 }
```

Background

The CSS property to change the background color of an element to Hex 195681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#195681 }
```

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

```
.background{ background-color:#195681 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor