

Converting Colors

Hex(195C86)

Have a look what the booklet for
Hex(195C86) contains.

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Color

Hex(195C86)

Conversions

Conversions Part 1

Format	Color
Hex	195C86
RGB	25, 92, 134
RGB Percent	10%, 36%, 53%
CMY	0.9020, 0.6392, 0.4745
CMYK	0.81, 0.31, 0.00, 0.47
HSL	203°, 69%, 31%
HSV	203°, 81%, 53%
XYZ	8.5311, 9.5822, 23.9542
YIQ	76.7550, -53.4140, -1.1420

Conversions

Conversions Part 2

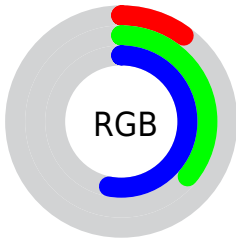
Format	Color
RYB	25, 66, 134
Decimal	1662086
CIELab	37.08, -4.93, -29.22
CIELCh	37, 29.629, 260.416
Yxy	9.5822, 0.2028, 0.2278
Android (android.graphics.Color)	4279852166 (0xFF195C86)
YUV	76.7550, 28.2218, -45.3891
Hunter-Lab	30.9551, -4.9775, -24.2121

Details

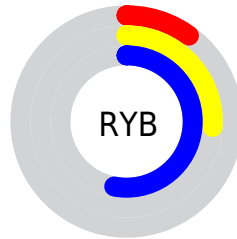
The Hex color **195C86** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **864319**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **578EBB**, and **002F54** is the 20% darker color. If you saturate the color by 10%, you get **0C5786**, and if you desaturate by 10%, it is **266186**.

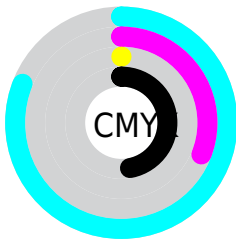
Distribution



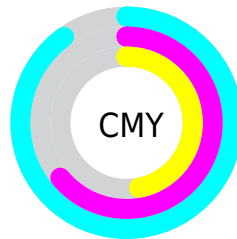
- Red (10%)
- Green (36%)
- Blue (53%)



- Red (10%)
- Yellow (26%)
- Blue (53%)



- Cyan (81%)
- Magenta (31%)
- Yellow (0%)
- Black (47%)



- Cyan (90%)
- Magenta (64%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 195C86 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 195C86 by changing the saturation by 10% instead.

 195C86

 195C86

FFFFFF

 00456D

 578EBB

 002F54

 73A8D7

 001A3D

 8FC4F4

 000327

 ACDCFF

 000110

 C8FCFF

 000000

 E5FFFF

 195C86

 195C86

 0C5786

 266186

■ 005286

■ 346686

■ 416B86

■ 4F7186

■ 5C7686

■ 697B86

■ 778086

■ 848586

■ 928A86

Harmonies

Analogous

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



00617B



195C86



4D5484

Triad

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



195C86



844448



3A6038

Complementary

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



195C86



864319

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.



565B29



195C86



7D4B33

Square

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



195C86



804460



6C5327



0E634F

Rectangle

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



195C86



644E7C



6C5327



445F32

Sweetspot

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



195C86



849DAD



198643



3E4D57



D6D6D6



575757

Same Dimension

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



195C86



036CAD



192686



3C4042



005082



000203

Inverse Universe

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



86195C



AD036C



867919



423C40



820050



030002

Previews

White Background



This preview shows how the Hex color 195C86 looks on a white background.

Color Contrast Check

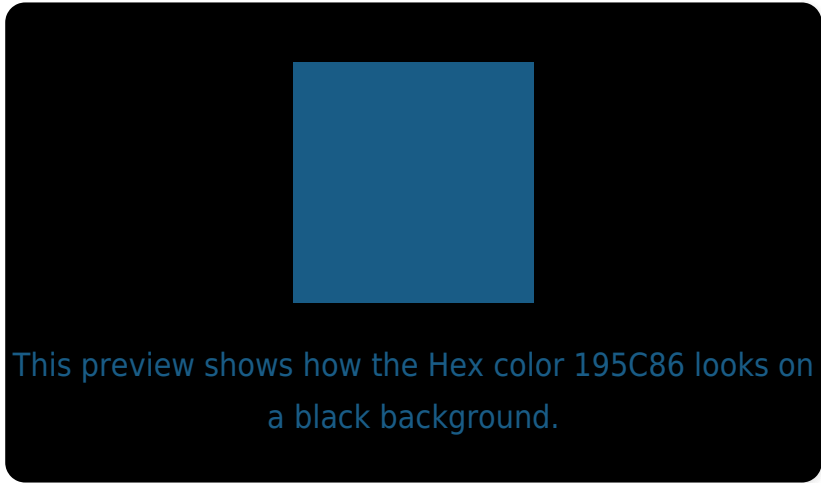
Large Text (above 18pt) WCAG AA ✓ Pass

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

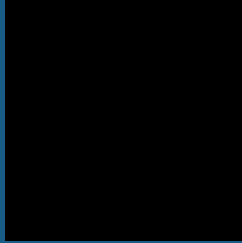
Any Text WCAG AA × Fail

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 195C86 Background



This preview shows how black text looks on a background with the Hex color 195C86.



This preview shows how white text looks on a background with the Hex color 195C86.

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

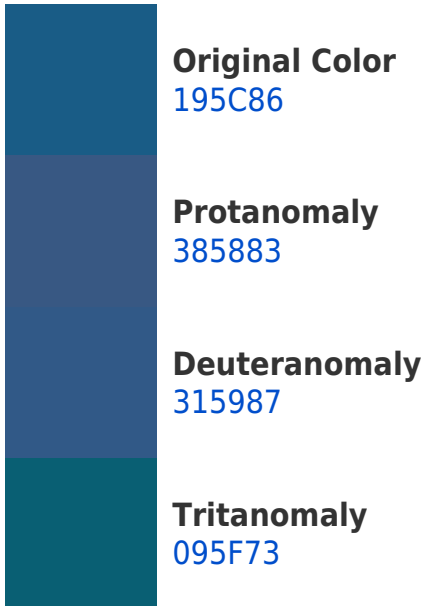


Original Color
195C86

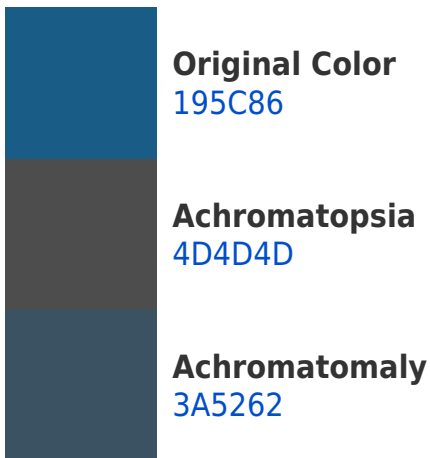
Protanopia
495681

Deuteranopia
3E5787

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 195C86 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 #195C86 looks like.

```
.text, #text, p{  
    color:#195C86  
}
```

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 #195C86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #195C86
}
```

Border

The CSS property to change the border of an element to Hex 195C86 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
#195C86 }
```

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

```
.border{ border-color:#195C86 }
```

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

Here you see how a box with a 4 pixel #195C86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #195C86; -webkit-box-shadow:4px 4px  
4px 4px #195C86; box-shadow:4px 4px 4px  
4px #195C86 }
```

Background

The CSS property to change the background color of an element to Hex 195C86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#195C86 }
```

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

```
.background{ background-color:#195C86 }
```

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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