

Converting Colors

Hex(185E9E)

Have a look what the booklet for
Hex(185E9E) contains.

Hex(185E9E)	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(185E9E)

Conversions

Conversions Part 1

Format	Color
Hex	185E9E
RGB	24, 94, 158
RGB Percent	9%, 37%, 62%
CMY	0.9059, 0.6314, 0.3804
CMYK	0.85, 0.41, 0.00, 0.38
HSL	209°, 74%, 36%
HSV	209°, 85%, 62%
XYZ	10.5509, 10.6682, 33.8508
YIQ	80.3660, -62.2640, 5.0640

Conversions

Conversions Part 2

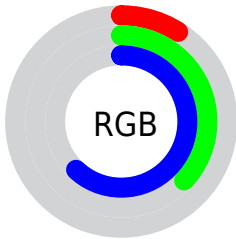
Format	Color
R_{YB}	24, 70, 158
Decimal	1597086
CIE Lab	39.02, 3.16, -40.63
CIE LCh	39, 40.755, 274.451
Yxy	10.6682, 0.1916, 0.1937
Android (android.graphics.Color)	4279787166 (0xFF185E9E)
YUV	80.3660, 38.2736, -49.4330
Hunter-Lab	32.6622, 0.5023, -38.5840

Details

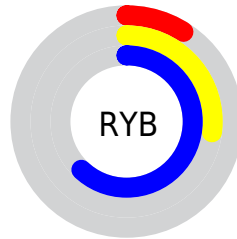
The Hex color **185E9E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **9E5818**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **5D90D5**, and **00316A** is the 20% darker color. If you saturate the color by 10%, you get **08569E**, and if you desaturate by 10%, it is **28669E**.

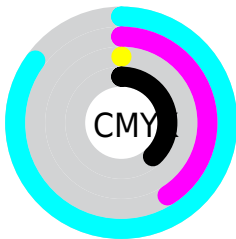
Distribution



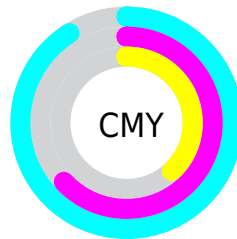
- Red (9%)
- Green (37%)
- Blue (62%)



- Red (9%)
- Yellow (27%)
- Blue (62%)



- Cyan (85%)
- Magenta (41%)
- Yellow (0%)
- Black (38%)



- Cyan (91%)
- Magenta (63%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 185E9E 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 185E9E by changing the saturation by 10% instead.

■ 185E9E

■ 185E9E

FFFFFF

■ 004784

■ 5D90D5

■ 00316A

■ 7AAAF2

■ 001D51

■ 97C5FF

■ 00053A

■ B4E1FF

■ 000223

■ D1FEFF

■ 00000B

■ EEEFFF

■ 000000

■ 185E9E

■ 185E9E

■ 08569E

■ 28669E

00539E

386D9E

47759E

577C9E

67849E

778B9E

87939E

969A9E

A6A29E

Harmonies

Analogous

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



006797



185E9E



645193

Triad

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



185E9E



954338



0A6A3E

Complementary

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



185E9E



9E5818

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.



476521



185E9E



84501F

Square

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



185E9E



983D58



695C13



006C60

Rectangle

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



185E9E



7E4883



695C13



276833

Sweetspot

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



185E9E



9BB6CF



189E57



495A69



E8E8E8



696969

Same Dimension

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



185E9E



006CCF



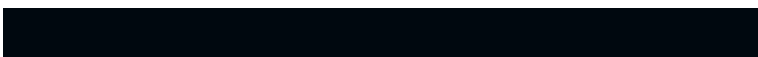
181C9E



474B4F



004B8F



00080F

Inverse Universe

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



9E185E



CF006C



9E9A18



4F474B



8F004B



0F0008

Previews

White Background



This preview shows how the Hex color 185E9E looks on a white background.

Color Contrast Check

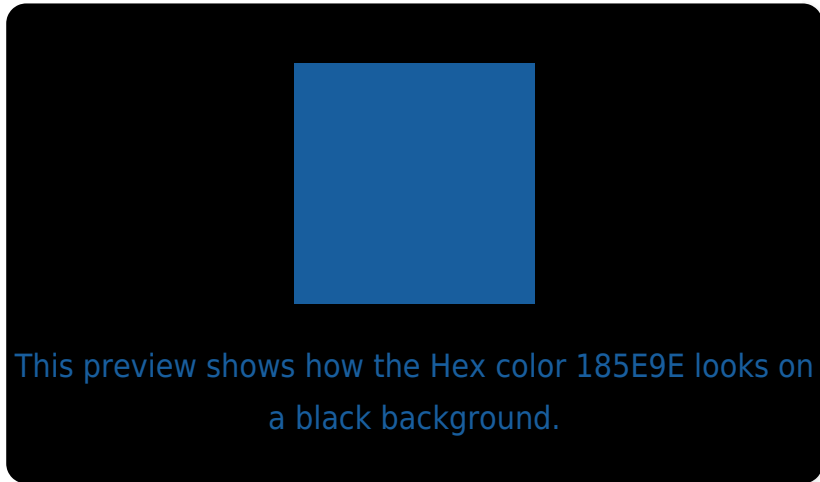
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

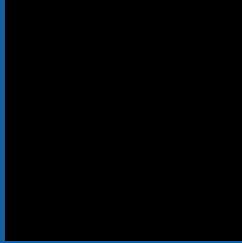
Any Text WCAG AA × Fail

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 185E9E Background



This preview shows how black text looks on a background with the Hex color 185E9E.

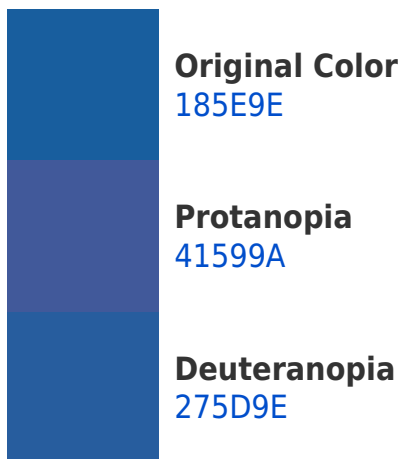


This preview shows how white text looks on a background with the Hex color 185E9E.

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](#).

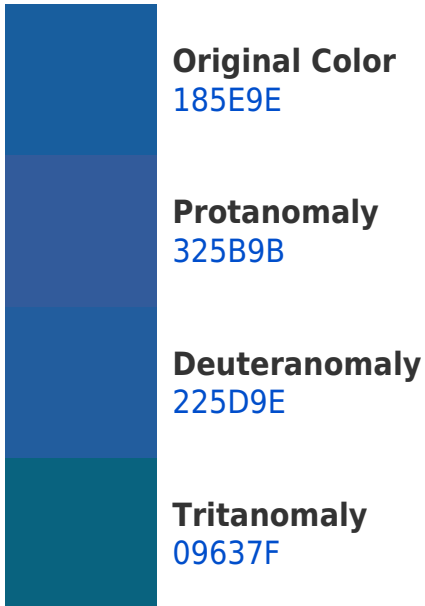
Dichromacy





Tritanopia
00666D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 185E9E 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 #185E9E looks like.

```
.text, #text, p{  
    color:#185E9E  
}
```

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 #185E9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #185E9E
}
```

Border

The CSS property to change the border of an element to Hex 185E9E is called "border". The border property can be set on classes, ids or directly on the HTML element.

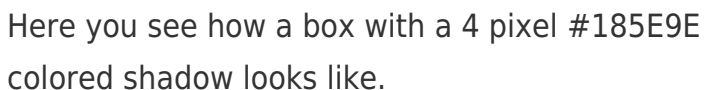
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#185E9E }
```

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

```
.border{ border-color:#185E9E }
```

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



Here you see how a box with a 4 pixel #185E9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #185E9E; -webkit-box-shadow:4px 4px  
4px 4px #185E9E; box-shadow:4px 4px 4px  
4px #185E9E }
```

Background

The CSS property to change the background color of an element to Hex 185E9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#185E9E }
```

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

```
.background{ background-color:#185E9E }
```

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