

Converting Colors

Hex(187CA5)

Have a look what the booklet for
Hex(187CA5) contains.

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Color

Hex(187CA5)

Conversions

Conversions Part 1

Format	Color
Hex	187CA5
RGB	24, 124, 165
RGB Percent	9%, 49%, 65%
CMY	0.9059, 0.5137, 0.3529
CMYK	0.85, 0.25, 0.00, 0.35
HSL	197°, 75%, 37%
HSV	197°, 85%, 65%
XYZ	14.3759, 17.3261, 38.1839
YIQ	98.7740, -72.7610, -8.4490

Conversions

Conversions Part 2

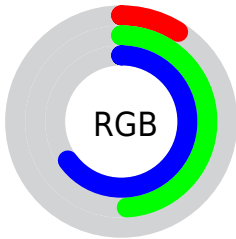
Format	Color
R _Y B	24, 83, 165
Decimal	1604773
CIE Lab	48.67, -12.34, -29.54
CIE LCh	49, 32.016, 247.325
Yxy	17.3261, 0.2057, 0.2479
Android (android.graphics.Color)	4279794853 (0xFF187CA5)
YUV	98.7740, 32.6494, -65.5768
Hunter-Lab	41.6246, -11.1947, -25.2518

Details

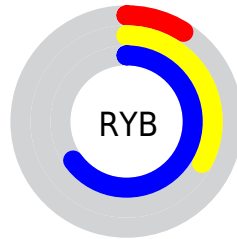
The Hex color **187CA5** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A54118**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **5FB1DC**, and **004B71** is the 20% darker color. If you saturate the color by 10%, you get **0777A5**, and if you desaturate by 10%, it is **2881A5**.

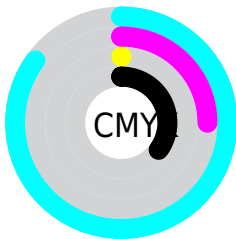
Distribution



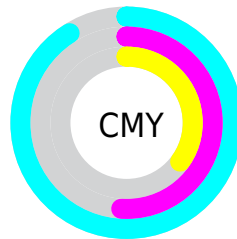
- Red (9%)
- Green (49%)
- Blue (65%)



- Red (9%)
- Yellow (33%)
- Blue (65%)



- Cyan (85%)
- Magenta (25%)
- Yellow (0%)
- Black (35%)



- Cyan (91%)
- Magenta (51%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 187CA5 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 187CA5 by changing the saturation by 10% instead.

■ 187CA5

■ 187CA5

FFFFFF

■ 00638B

■ 5FB1DC

■ 004B71

■ 7DCCF9

■ 003558

■ 9AE8FF

■ 002041

■ B8FFFF

■ 00032B

■ D5FFFF

■ 000115

■ F3FFFF

■ 000000

■ 187CA5

■ 187CA5

■ 0777A5

■ 2881A5

0075A5

3986A5

498AA5

5A8FA5

6A94A5

7B99A5

8B9EA5

9CA2A5

ACA7A5

Harmonies

Analogous

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



008194



187CA5



5574A9

Triad

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



187CA5



A75E6E



617C47

Complementary

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



187CA5



A54118

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.



7E743D



187CA5



A56254

Square

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



187CA5



9B6189



966B42



3E805E

Rectangle

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



187CA5



736DA4



966B42



6B7942

Sweetspot

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



187CA5



9FC6D6



18A540



4A616B



EBEBEB



6B6B6B

Same Dimension

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



187CA5



0098D6



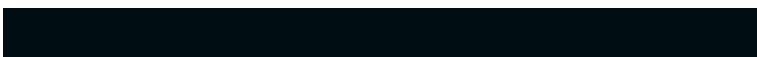
1837A5



494F52



006791



000D12

Inverse Universe

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



A5187C



D60098



A58618



52494F



910067



12000D

Previews

White Background



This preview shows how the Hex color 187CA5 looks on a white background.

Color Contrast Check

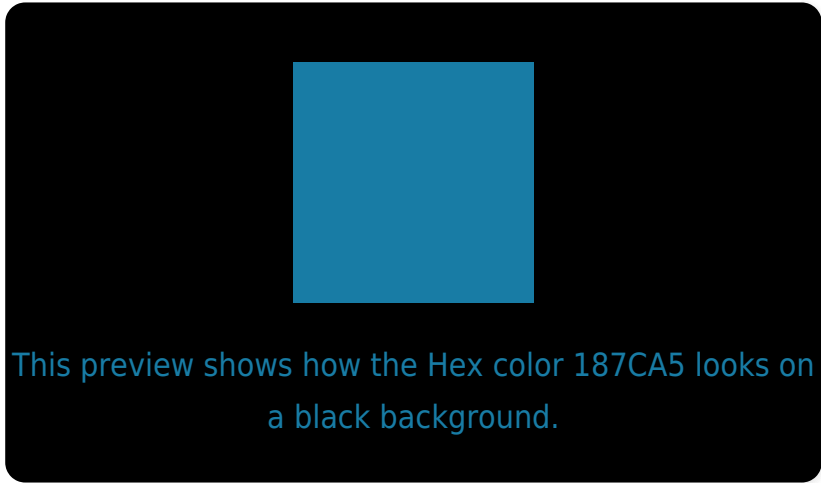
Large Text (above 18pt) WCAG AA ✓ Pass

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

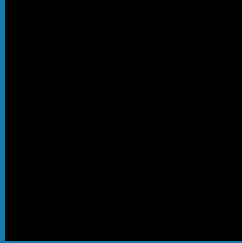
Any Text WCAG AA × Fail

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 187CA5 Background



This preview shows how black text looks on a background with the Hex color 187CA5.

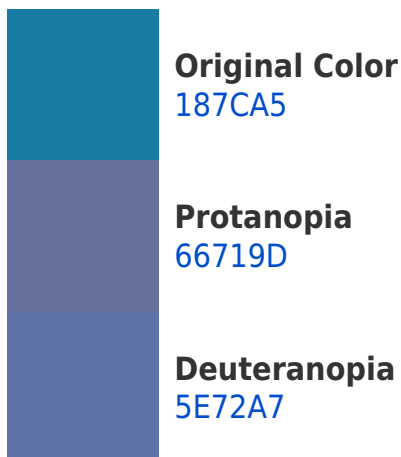


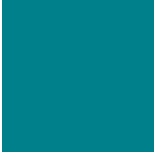
This preview shows how white text looks on a background with the Hex color 187CA5.

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](#).

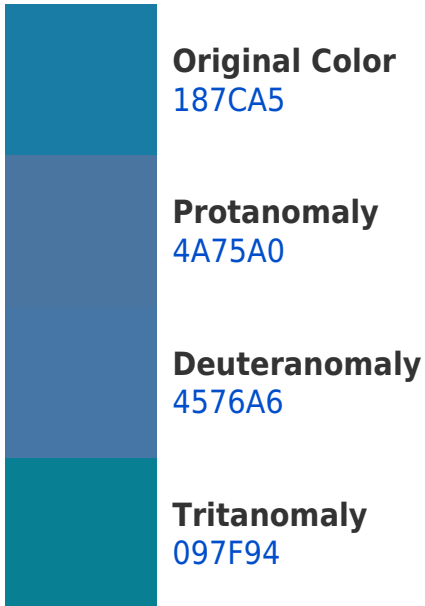
Dichromacy



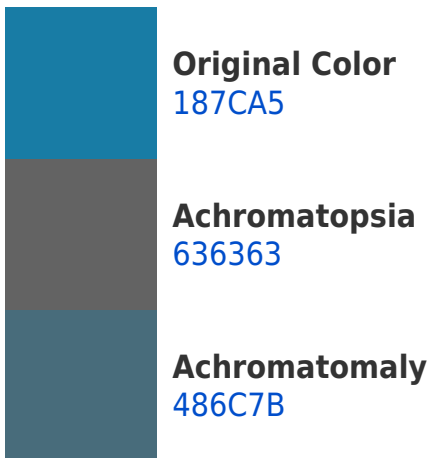


Tritanopia
00808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 187CA5 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 #187CA5 looks like.

```
.text, #text, p{  
    color:#187CA5  
}
```

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 #187CA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #187CA5
}
```

Border

The CSS property to change the border of an element to Hex 187CA5 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
#187CA5 }
```

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

```
.border{ border-color:#187CA5 }
```

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

Here you see how a box with a 4 pixel #187CA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #187CA5; -webkit-box-shadow:4px 4px  
4px 4px #187CA5; box-shadow:4px 4px 4px  
4px #187CA5 }
```

Background

The CSS property to change the background color of an element to Hex 187CA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#187CA5 }
```

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

```
.background{ background-color:#187CA5 }
```

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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