

# Converting Colors

Hex(185790)

Have a look what the booklet for  
Hex(185790) contains.

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# Color

**Hex(185790)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	185790
RGB	24, 87, 144
RGB Percent	9%, 34%, 56%
CMY	0.9059, 0.6588, 0.4353
CMYK	0.83, 0.40, 0.00, 0.44
HSL	208°, 71%, 33%
HSV	208°, 83%, 56%
XYZ	8.8189, 9.0242, 27.6626
YIQ	74.6610, -55.8450, 4.3710

# Conversions

## Conversions Part 2

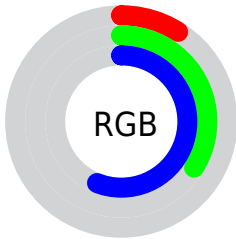
Format	Color
<a href="#">RYB</a>	<a href="#">24, 65, 144</a>
Decimal	<a href="#">1595280</a>
CIELab	<a href="#">36.03, 2.09, -36.96</a>
CIElCh	<a href="#">36, 37.021, 273.232</a>
Yxy	<a href="#">9.0242, 0.1938, 0.1983</a>
Android (android.graphics.Color)	<a href="#">4279785360 (0xFF185790)</a>
YUV	<a href="#">74.6610, 34.1841, -44.4297</a>
Hunter-Lab	<a href="#">30.0403, -0.1683, -33.5690</a>

# Details

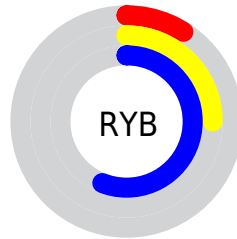
The Hex color **185790** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **905118**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5988C6**, and **002A5D** is the 20% darker color. If you saturate the color by 10%, you get **0A5090**, and if you desaturate by 10%, it is **265E90**.

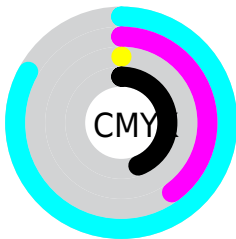
# Distribution



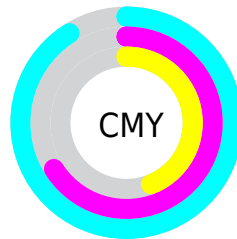
- Red (9%)
- Green (34%)
- Blue (56%)



- Red (9%)
- Yellow (25%)
- Blue (56%)



- Cyan (83%)
- Magenta (40%)
- Yellow (0%)
- Black (44%)



- Cyan (91%)
- Magenta (66%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 185790 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 185790 by changing the saturation by 10% instead.



■ 185790

■ 185790

FFFFFF

■ 004076

■ 5988C6

■ 002A5D

■ 76A3E2

■ 001645

■ 92BDFF

■ 00042E

■ AED9FF

■ 000119

■ CBF6FF

■ 000000

■ E9FFFF

■ 185790

■ 185790

■ 0A5090

■ 265E90

004C90

356590

436C90

527290

607990

6E8090

7D8790

8B8E90

9A9590

# Harmonies

## Analogous

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



005F89



185790



5A4C87

# Triad

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



185790



893E36



146139

# Complementary

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



185790



905118

# 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.



435C20



185790



7A491F

# Square

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



185790



8A3A53



625415



006357

# Rectangle

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



185790



724379



625415



296030



# Sweetspot

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



185790



8CA4BA



189050



42515E



DEDEDE



5E5E5E



# Same Dimension

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



185790



0062BA



181C90



404447



004787



000408



# Inverse Universe

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



901857



BA0062



908C18



474044



870047



080004



# Previews

## White Background



This preview shows how the Hex color 185790 looks on a white background.

## Color Contrast Check

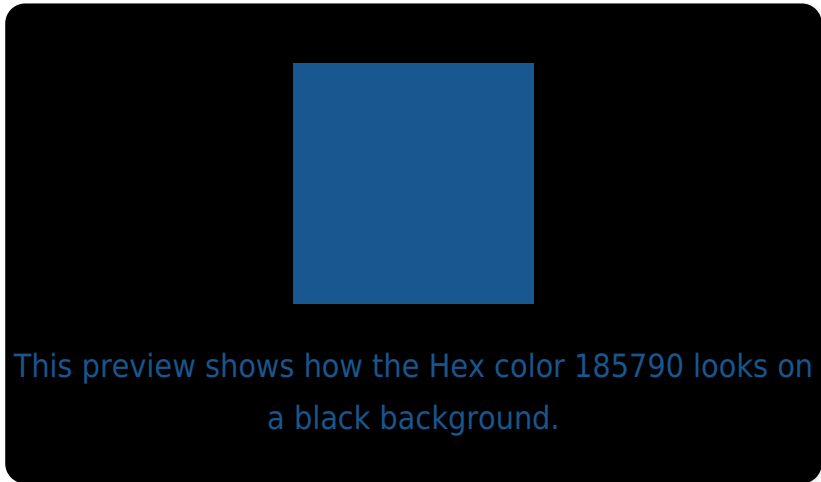
Large Text (above 18pt) WCAG AA ✓ Pass

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

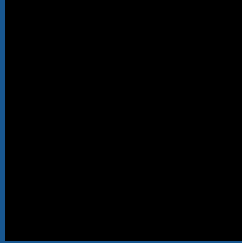
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 185790 Background



This preview shows how black text looks on a background with the Hex color 185790.

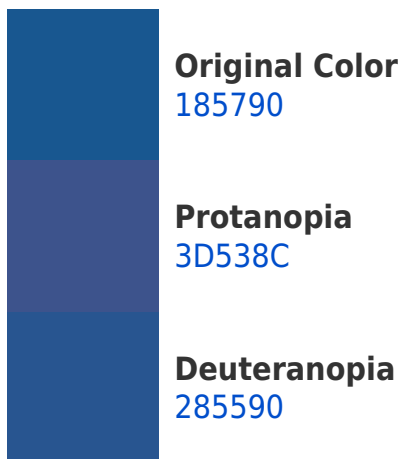


This preview shows how white text looks on a background with the Hex color 185790.

# 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](#).

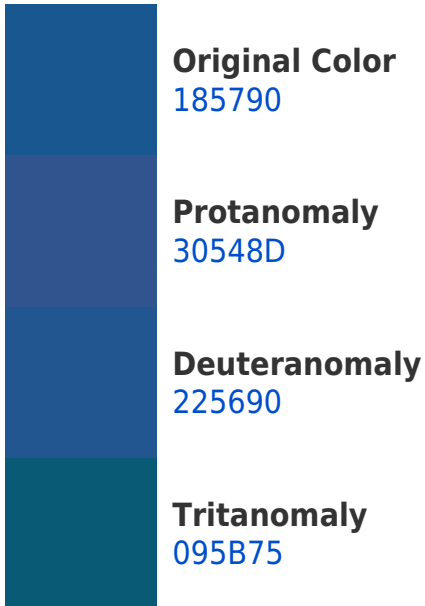
## Dichromacy



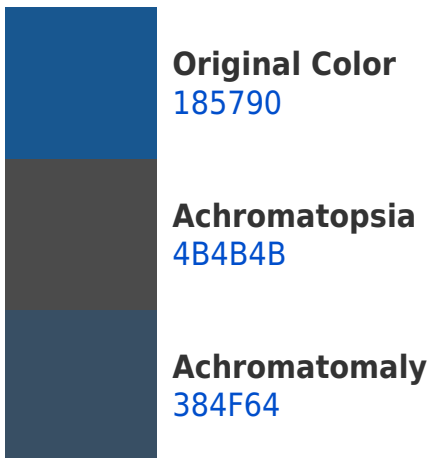


**Tritanopia**  
005E65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 185790 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 #185790 looks like.

```
.text, #text, p{  
    color:#185790  
}
```

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 #185790 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #185790
}
```

## Border

The CSS property to change the border of an element to Hex 185790 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
#185790 }
```

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

```
.border{ border-color:#185790 }
```

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

Here you see how a box with a 4 pixel #185790 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #185790; -webkit-box-shadow:4px 4px  
4px 4px #185790; box-shadow:4px 4px 4px  
4px #185790 }
```

# Background

The CSS property to change the background color of an element to Hex 185790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#185790 }
```

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

```
.background{ background-color:#185790 }
```

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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