

Converting Colors

Hex(185DA2)

Have a look what the booklet for
Hex(185DA2) contains.

Hex(185DA2)	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(185DA2)

Conversions

Conversions Part 1

Format	Color
Hex	185DA2
RGB	24, 93, 162
RGB Percent	9%, 36%, 64%
CMY	0.9059, 0.6353, 0.3647
CMYK	0.85, 0.43, 0.00, 0.36
HSL	210°, 74%, 36%
HSV	210°, 85%, 64%
XYZ	10.8126, 10.6315, 35.6646
YIQ	80.2350, -63.2730, 6.8310

Conversions

Conversions Part 2

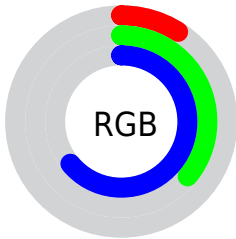
Format	Color
R_{YB}	24, 70, 162
Decimal	1596834
CIE _{Lab}	38.95, 5.41, -43.12
CIE _{LCh}	39, 43.457, 277.145
Yxy	10.6315, 0.1893, 0.1862
Android (android.graphics.Color)	4279786914 (0xFF185DA2)
YUV	80.2350, 40.3101, -49.3181
Hunter-Lab	32.6060, 2.1326, -42.0275

Details

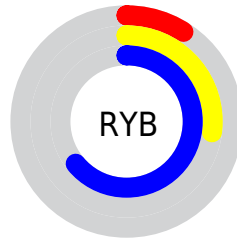
The Hex color **185DA2** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A25D18**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **5E8FD9**, and **00306E** is the 20% darker color. If you saturate the color by 10%, you get **0855A2**, and if you desaturate by 10%, it is **2865A2**.

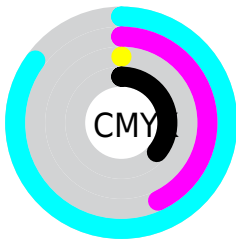
Distribution



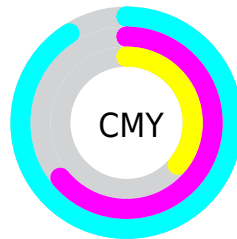
- Red (9%)
- Green (36%)
- Blue (64%)



- Red (9%)
- Yellow (27%)
- Blue (64%)



- Cyan (85%)
- Magenta (43%)
- Yellow (0%)
- Black (36%)



- Cyan (91%)
- Magenta (64%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 185DA2 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 185DA2 by changing the saturation by 10% instead.

■ 185DA2

■ 185DA2

FFFFFF

■ 004687

■ 5E8FD9

■ 00306E

■ 7BA9F6

■ 001C55

■ 98C4FF

■ 00053D

■ B5E0FF

■ 000326

■ D2FDFF

■ 000110

■ F0FFFF

■ 000000

■ 185DA2

■ 185DA2

■ 0855A2

■ 2865A2

■ 0051A2

■ 386DA2

■ 4975A2

■ 597DA2

■ 6985A2

■ 798EA2

■ 8996A2

■ 9A9EA2

■ AAA6A2

Harmonies

Analogous

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



00679D



185DA2



684F94

Triad

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



185DA2



974233



006B3F

Complementary

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



185DA2



A25D18

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.



41661F



185DA2



835017

Square

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



185DA2



9B3A55



665D0B



006D63

Rectangle

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



185DA2



834483



665D0B



1A6933

Sweetspot

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



185DA2



9DB8D4



18A25D



4A5A6B



EBEBEB



6B6B6B

Same Dimension

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



185DA2



006AD4



1818A2



494E52



004991



000912

Inverse Universe

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



A2185D



D4006A



A2A218



52494E



910049



120009

Previews

White Background



This preview shows how the Hex color 185DA2 looks on a white background.

Color Contrast Check

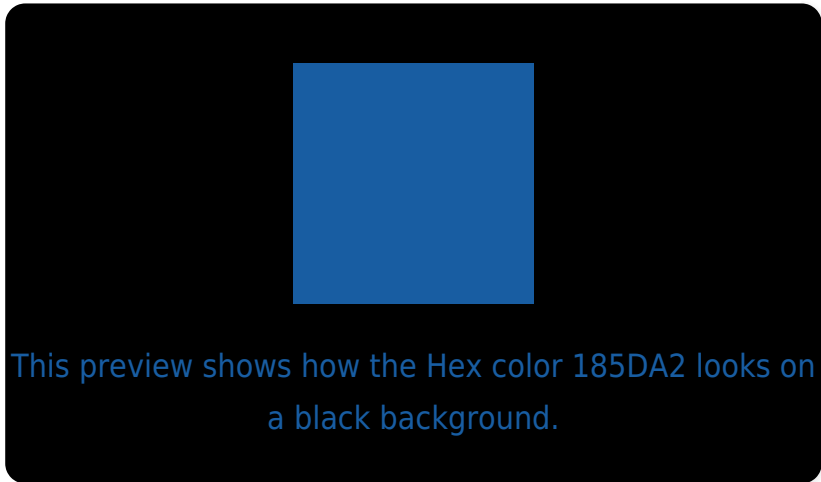
Large Text (above 18pt) WCAG AA ✓ Pass

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

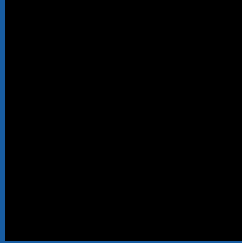
Any Text WCAG AA × Fail

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 185DA2 Background



This preview shows how black text looks on a background with the Hex color 185DA2.

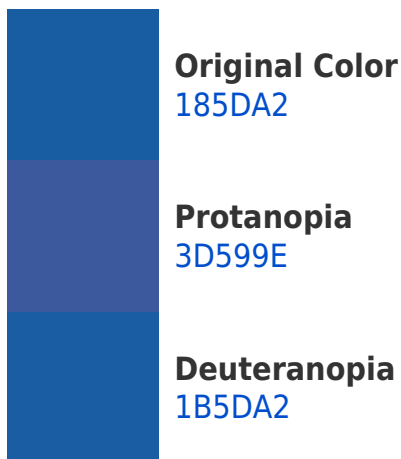


This preview shows how white text looks on a background with the Hex color 185DA2.

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](#).

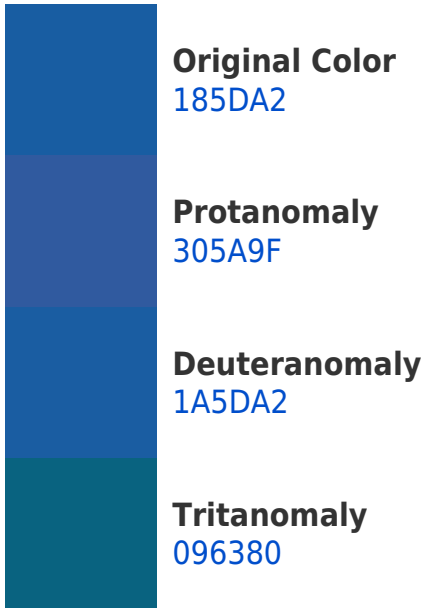
Dichromacy



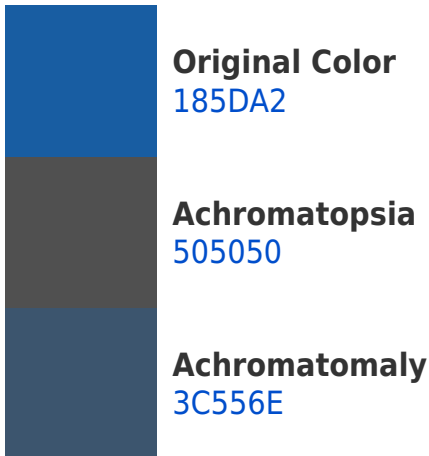


Tritanopia
00666D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 185DA2 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 #185DA2 looks like.

```
.text, #text, p{  
    color:#185DA2  
}
```

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 #185DA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #185DA2
}
```

Border

The CSS property to change the border of an element to Hex 185DA2 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
#185DA2 }
```

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

```
.border{ border-color:#185DA2 }
```

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

Here you see how a box with a 4 pixel #185DA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #185DA2; -webkit-box-shadow:4px 4px  
4px 4px #185DA2; box-shadow:4px 4px 4px  
4px #185DA2 }
```

Background

The CSS property to change the background color of an element to Hex 185DA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#185DA2 }
```

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

```
.background{ background-color:#185DA2 }
```

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