

Converting Colors

Hex(1C73A6)

Have a look what the booklet for
Hex(1C73A6) contains.

Hex(1C73A6)	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>	28

Color

Hex(1C73A6)

Conversions

Conversions Part 1

Format	Color
Hex	1C73A6
RGB	28, 115, 166
RGB Percent	11%, 45%, 65%
CMY	0.8902, 0.5490, 0.3490
CMYK	0.83, 0.31, 0.00, 0.35
HSL	202°, 71%, 38%
HSV	202°, 83%, 65%
XYZ	13.4926, 15.2615, 38.3110
YIQ	94.8010, -68.2230, -2.5830

Conversions

Conversions Part 2

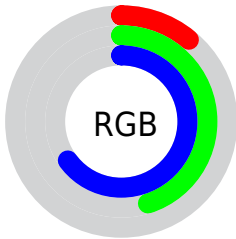
Format	Color
R _Y B	28, 81, 166
Decimal	1864614
CIE Lab	45.99, -6.37, -34.31
CIE LCh	46, 34.901, 259.482
Yxy	15.2615, 0.2012, 0.2276
Android (android.graphics.Color)	4280054694 (0xFF1C73A6)
YUV	94.8010, 35.1011, -58.5845
Hunter-Lab	39.0660, -6.7154, -30.7980

Details

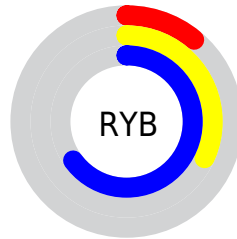
The Hex color **1C73A6** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A64F1C**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **61A7DD**, and **004372** is the 20% darker color. If you saturate the color by 10%, you get **0B6DA6**, and if you desaturate by 10%, it is **2D79A6**.

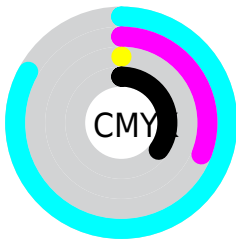
Distribution



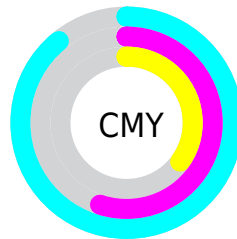
- Red (11%)
- Green (45%)
- Blue (65%)



- Red (11%)
- Yellow (32%)
- Blue (65%)



- Cyan (83%)
- Magenta (31%)
- Yellow (0%)
- Black (35%)



- Cyan (89%)
- Magenta (55%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C73A6 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 1C73A6 by changing the saturation by 10% instead.

■ 1C73A6

■ 1C73A6

FFFFFF

■ 005B8B

■ 61A7DD

■ 004372

■ 7EC2FA

■ 002D59

■ 9BDEFF

■ 001941

■ B8FAFF

■ 00032B

■ D6FFFF

■ 000115

■ F4FFFF

■ 000000

■ 1C73A6

■ 1C73A6

■ 0B6DA6

■ 2D79A6

0069A6

3D7FA6

4E85A6

5E8CA6

6F92A6

8098A6

909EA6

A1A4A6

B1AAA6

Harmonies

Analogous

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



007999



1C73A6



5F69A4

Triad

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



1C73A6



A4565B



4A7846

Complementary

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



1C73A6



A64F1C

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.



6C7134



1C73A6



9C5D42

Square

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



1C73A6



9E5678



876833



157B61

Rectangle

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



1C73A6



7C629A



876833



56763E

Sweetspot

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



1C73A6



A3C5D9



1CA64F



4D616E



EDEDED



6E6E6E

Same Dimension

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



1C73A6



0089D9



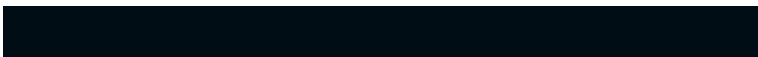
1C2EA6



4C5154



005D94



000D14

Inverse Universe

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



A61C73



D90089



A6941C



544C51



94005D



14000D

Previews

White Background



This preview shows how the Hex color 1C73A6 looks on a white background.

Color Contrast Check

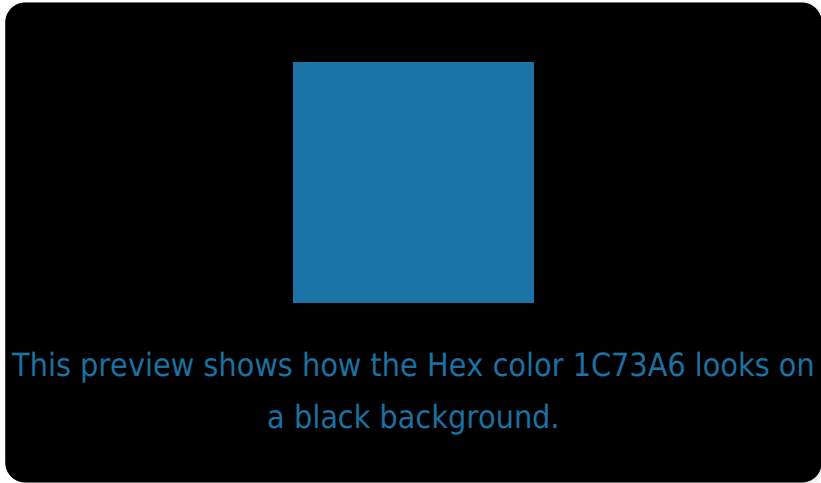
Large Text (above 18pt) WCAG AA ✓ Pass

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

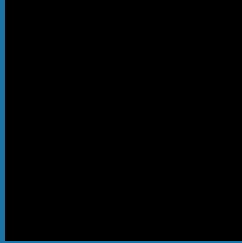
Any Text WCAG AA × Fail

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 1C73A6 Background



This preview shows how black text looks on a background with the Hex color 1C73A6.

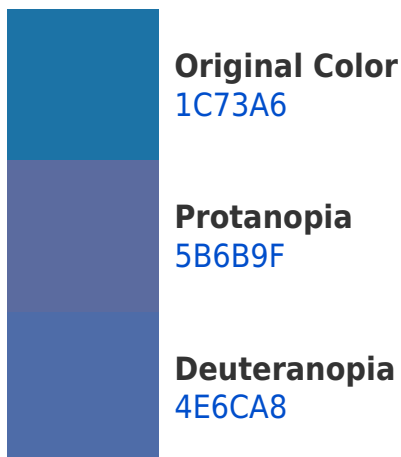


This preview shows how white text looks on a background with the Hex color 1C73A6.

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



Trichromacy



Original Color
1C73A6

Protanomaly
446EA2

Deuteranomaly
3C6FA7

Monochromacy



Original Color
1C73A6

Achromatopsia
5F5F5F

Achromatomaly
476679

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C73A6 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 #1C73A6 looks like.

```
.text, #text, p{  
    color:#1C73A6  
}
```

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 #1C73A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C73A6
}
```

Border

The CSS property to change the border of an element to Hex 1C73A6 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
#1C73A6 }
```

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

```
.border{ border-color:#1C73A6 }
```

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

Here you see how a box with a 4 pixel #1C73A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C73A6; -webkit-box-shadow:4px 4px  
4px 4px #1C73A6; box-shadow:4px 4px 4px  
4px #1C73A6 }
```

Background

The CSS property to change the background color of an element to Hex 1C73A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C73A6 }
```

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

```
.background{ background-color:#1C73A6 }
```

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