

Converting Colors

Hex(1A7393)

Have a look what the booklet for
Hex(1A7393) contains.

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Color

Hex(1A7393)

Conversions

Conversions Part 1

Format	Color
Hex	1A7393
RGB	26, 115, 147
RGB Percent	10%, 45%, 58%
CMY	0.8980, 0.5490, 0.4235
CMYK	0.82, 0.22, 0.00, 0.42
HSL	196°, 70%, 34%
HSV	196°, 82%, 58%
XYZ	11.8232, 14.5877, 29.7963
YIQ	92.0370, -63.3160, -8.9160

Conversions

Conversions Part 2

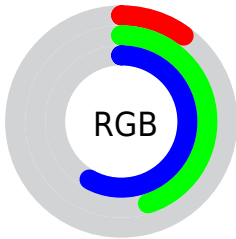
Format	Color
R_{YB}	26, 77, 147
Decimal	1733523
CIE _{Lab}	45.06, -13.61, -24.56
CIE _{LCh}	45, 28.083, 241.005
Yxy	14.5877, 0.2104, 0.2595
Android (android.graphics.Color)	4279923603 (0xFF1A7393)
YUV	92.0370, 27.0968, -57.9144
Hunter-Lab	38.1938, -11.5830, -19.5185

Details

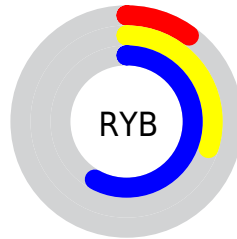
The Hex color **1A7393** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **933A1A**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **5CA7C9**, and **004360** is the 20% darker color. If you saturate the color by 10%, you get **0B6F93**, and if you desaturate by 10%, it is **297793**.

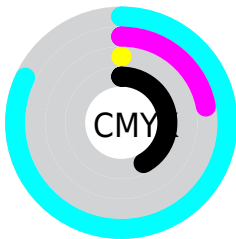
Distribution



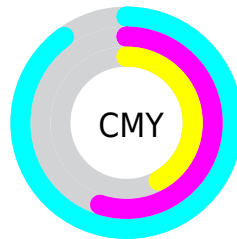
- Red (10%)
- Green (45%)
- Blue (58%)



- Red (10%)
- Yellow (30%)
- Blue (58%)



- Cyan (82%)
- Magenta (22%)
- Yellow (0%)
- Black (42%)



- Cyan (90%)
- Magenta (55%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A7393 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 1A7393 by changing the saturation by 10% instead.

■ 1A7393

■ 1A7393

FFFFFF

■ 005A79

■ 5CA7C9

■ 004360

■ 79C2E5

■ 002D48

■ 95DEFF

■ 001932

■ B2FBFF

■ 00021D

■ CFFFFF

■ 000000

■ EDFFFF

■ 1A7393

■ 1A7393

■ 0B6F93

■ 297793

■ 006C93

■ 377B93

■ 467F93

■ 558393

■ 638693

■ 728A93

■ 818E93

■ 909293

■ 9E9693

Harmonies

Analogous

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



007682



1A7393



496D99

Triad

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



1A7393



96586B



617042

Complementary

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



1A7393



933A1A

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.



79693B



1A7393



975A54

Square

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



1A7393



895C82



8C6142



447553

Rectangle

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



1A7393



636796



8C6142



696E3E

Sweetspot

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



1A7393



8FB3BF



1A9338



445961



E0E0E0



616161

Same Dimension

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



1A7393



028DBF



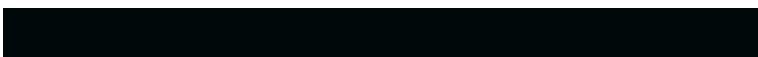
1A3893



43484A



00658A



00080A

Inverse Universe

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



931A73



BF028D



93751A



4A4348



8A0065



0A0008

Previews

White Background



This preview shows how the Hex color 1A7393 looks on a white background.

Color Contrast Check

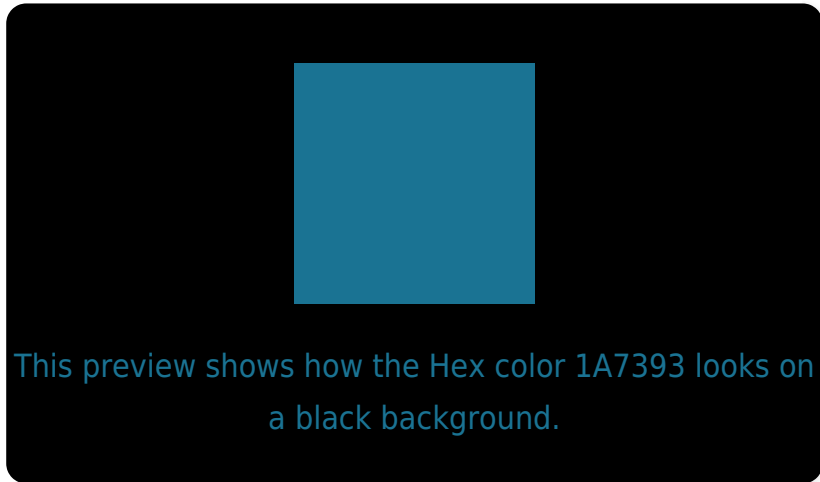
Large Text (above 18pt) WCAG AA ✓ Pass

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

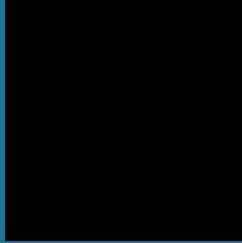
Any Text WCAG AA × Fail

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 1A7393 Background



This preview shows how black text looks on a background with the Hex color 1A7393.

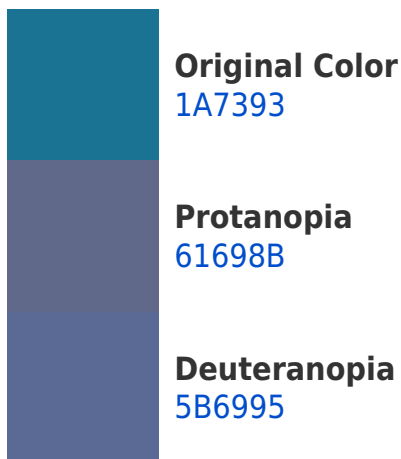


This preview shows how white text looks on a background with the Hex color 1A7393.

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](#).

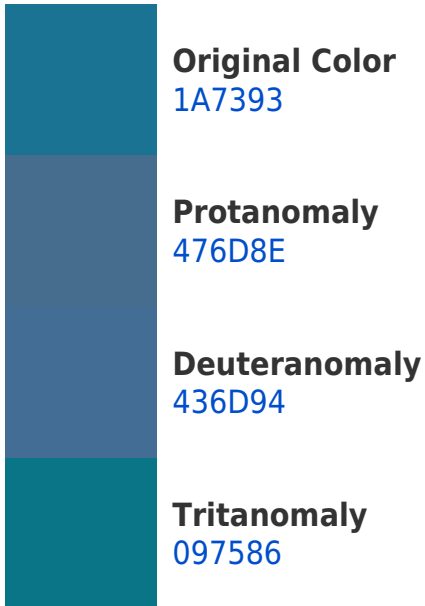
Dichromacy



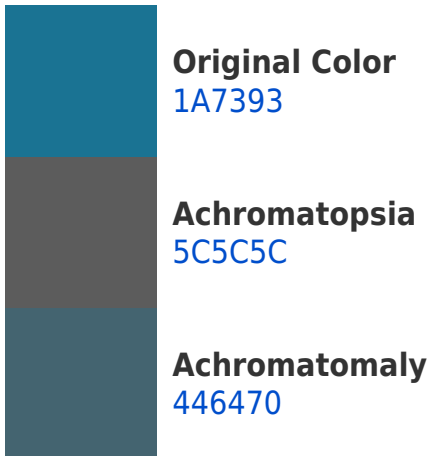


Tritanopia
00767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1A7393 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 #1A7393 looks like.

```
.text, #text, p{  
    color:#1A7393  
}
```

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 #1A7393 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A7393
}
```

Border

The CSS property to change the border of an element to Hex 1A7393 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
#1A7393 }
```

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

```
.border{ border-color:#1A7393 }
```

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

Here you see how a box with a 4 pixel #1A7393 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A7393; -webkit-box-shadow:4px 4px  
4px 4px #1A7393; box-shadow:4px 4px 4px  
4px #1A7393 }
```

Background

The CSS property to change the background color of an element to Hex 1A7393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A7393 }
```

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

```
.background{ background-color:#1A7393 }
```

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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