

Converting Colors

Hex(157FA0)

Have a look what the booklet for
Hex(157FA0) contains.

Hex(157FA0)	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(157FA0)

Conversions

Conversions Part 1

Format	Color
Hex	157FA0
RGB	21, 127, 160
RGB Percent	8%, 50%, 63%
CMY	0.9176, 0.5020, 0.3725
CMYK	0.87, 0.21, 0.00, 0.37
HSL	194°, 77%, 35%
HSV	194°, 87%, 63%
XYZ	14.2438, 17.8762, 35.9574
YIQ	99.0680, -73.7690, -12.2090

Conversions

Conversions Part 2

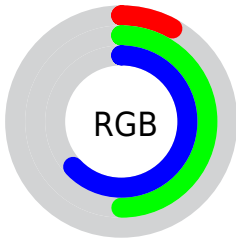
Format	Color
RYB	21, 81, 160
Decimal	1408928
CIELab	49.35, -16.08, -25.58
CIELCh	49, 30.212, 237.843
Yxy	17.8762, 0.2092, 0.2626
Android (android.graphics.Color)	4279599008 (0xFF157FA0)
YUV	99.0680, 30.0395, -68.4656
Hunter-Lab	42.2803, -13.8557, -20.8272

Details

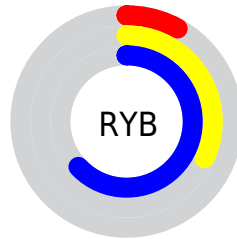
The Hex color **157FA0** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A03615**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **5EB4D7**, and **004E6C** is the 20% darker color. If you saturate the color by 10%, you get **057BA0**, and if you desaturate by 10%, it is **2583A0**.

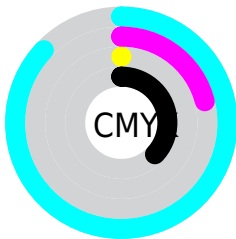
Distribution



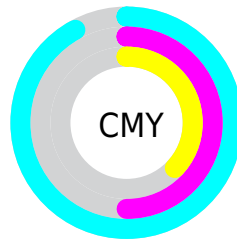
- Red (8%)
- Green (50%)
- Blue (63%)



- Red (8%)
- Yellow (32%)
- Blue (63%)



- Cyan (87%)
- Magenta (21%)
- Yellow (0%)
- Black (37%)



- Cyan (92%)
- Magenta (50%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 157FA0 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 157FA0 by changing the saturation by 10% instead.

■ 157FA0

■ 157FA0

FFFFFF

■ 006686

■ 5EB4D7

■ 004E6C

■ 7BCFF3

■ 003754

■ 98ECFF

■ 00223D

■ B6FFFF

■ 000327

■ D3FFFF

■ 000110

■ F1FFFF

■ 000000

■ 157FA0

■ 157FA0

■ 057BA0

■ 2583A0

007AA0

3587A0

458AA0

558EA0

6592A0

7596A0

859AA0

959DA0

A5A1A0

Harmonies

Analogous

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



00828C



157FA0



4C78A8

Triad

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



157FA0



A46178



6D7B47

Complementary

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



157FA0



A03615

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.



887342



157FA0



A6635F

Square

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



157FA0



946691



9C6A4B



4F8059

Rectangle

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



157FA0



6973A6



9C6A4B



777944

Sweetspot

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



157FA0



9BC4D1



15A035



486169



E8E8E8



696969

Same Dimension

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



157FA0



009FD1



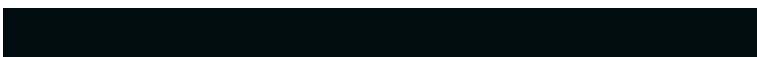
153AA0



474D4F



006D8F



000C0F

Inverse Universe

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



A0157F



D1009F



A07B15



4F474D



8F006D



0F000C

Previews

White Background



This preview shows how the Hex color 157FA0 looks on a white background.

Color Contrast Check

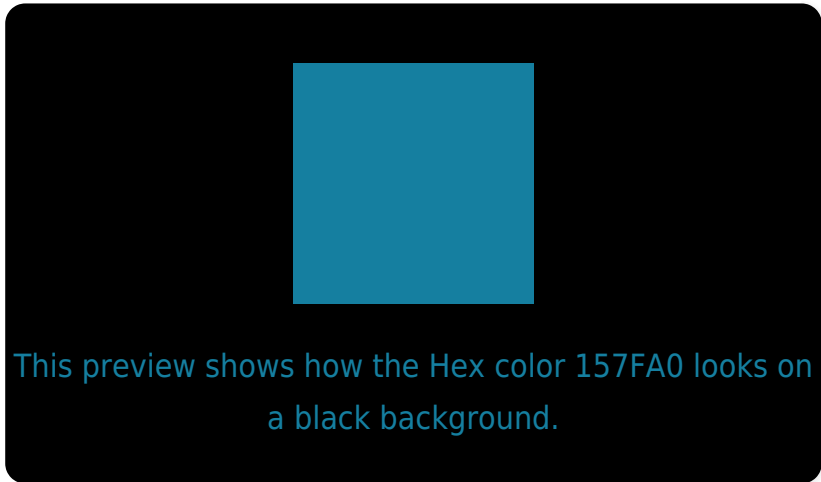
Large Text (above 18pt) WCAG AA ✓ Pass

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

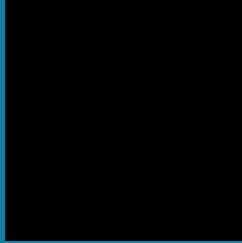
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 157FA0 Background



This preview shows how black text looks on a background with the Hex color 157FA0.

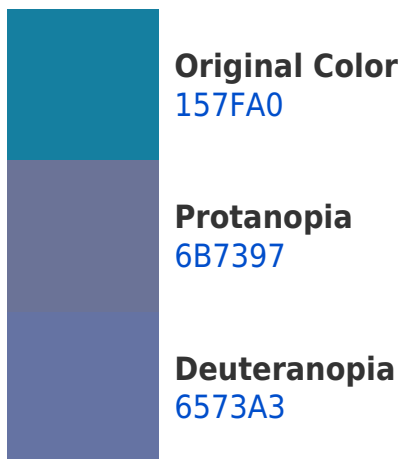


This preview shows how white text looks on a background with the Hex color 157FA0.

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](#).

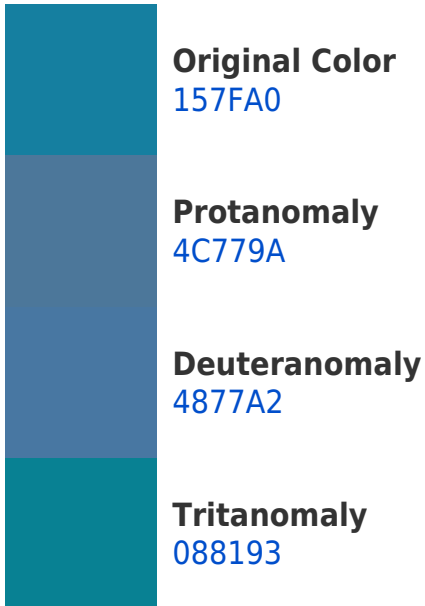
Dichromacy





Tritanopia
00828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 157FA0 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 #157FA0 looks like.

```
.text, #text, p{  
    color:#157FA0  
}
```

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 #157FA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #157FA0  
}
```

Border

The CSS property to change the border of an element to Hex 157FA0 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  
#157FA0 }
```

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

```
.border{ border-color:#157FA0 }
```

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

Here you see how a box with a 4 pixel #157FA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #157FA0; -webkit-box-shadow:4px 4px  
4px 4px #157FA0; box-shadow:4px 4px 4px  
4px #157FA0 }
```

Background

The CSS property to change the background color of an element to Hex 157FA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#157FA0 }
```

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

```
.background{ background-color:#157FA0 }
```

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