

Converting Colors

Hex(137C9D)

Have a look what the booklet for
Hex(137C9D) contains.

Hex(137C9D)	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(137C9D)

Conversions

Conversions Part 1

Format	Color
Hex	137C9D
RGB	19, 124, 157
RGB Percent	7%, 49%, 62%
CMY	0.9255, 0.5137, 0.3843
CMYK	0.88, 0.21, 0.00, 0.38
HSL	194°, 78%, 35%
HSV	194°, 88%, 62%
XYZ	13.5620, 16.9881, 34.4625
YIQ	96.3670, -73.1730, -11.9970

Conversions

Conversions Part 2

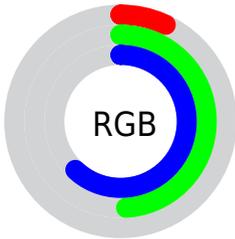
Format	Color
RYB	19, 79, 157
Decimal	1277085
CIELab	48.25, -15.64, -25.53
CIELCh	48, 29.943, 238.505
Yxy	16.9881, 0.2086, 0.2613
Android (android.graphics.Color)	4279467165 (0xFF137C9D)
YUV	96.3670, 29.8921, -67.8509
Hunter-Lab	41.2166, -13.3949, -20.7227

Details

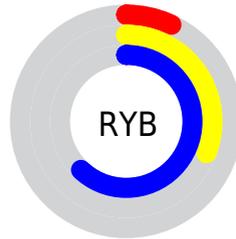
The Hex color **137C9D** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **9D3413**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **5CB1D4**, and **004B6A** is the 20% darker color. If you saturate the color by 10%, you get **03789D**, and if you desaturate by 10%, it is **23809D**.

Distribution



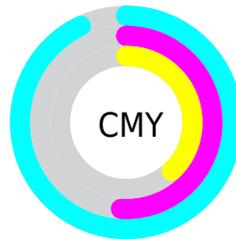
- Red (7%)
- Green (49%)
- Blue (62%)



- Red (7%)
- Yellow (31%)
- Blue (62%)



- Cyan (88%)
- Magenta (21%)
- Yellow (0%)
- Black (38%)



- Cyan (93%)
- Magenta (51%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 137C9D 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 137C9D by changing the saturation by 10% instead.

■ 137C9D

■ 137C9D

FFFFFF

■ 006383

■ 5CB1D4

■ 004B6A

■ 79CCF0

■ 003451

■ 97E8FF

■ 00203A

■ B4FFFF

■ 000225

■ D1FFFF

■ 00010D

■ EFFFFFF

■ 000000

■ 137C9D

■ 137C9D

■ 03789D

■ 23809D

■ 00779D

■ 32849D

■ 42879D

■ 528B9D

■ 628F9D

■ 71939D

■ 81969D

■ 919A9D

■ A09E9D

Harmonies

Analogous

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



007F8A



137C9D



4A75A5

Triad

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



137C9D



A15F75



6A7845

Complementary

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



137C9D



9D3413

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.



84713F



137C9D



A3615C

Square

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



137C9D



91648D



986848



4C7D57

Rectangle

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



137C9D



6770A2



986848



737642

Sweetspot

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



137C9D



97BFCC



139D33



465E66



E6E6E6



666666

Same Dimension

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



137C9D



009BCC



13389D



474D4F



006D8F



000C0F

Inverse Universe

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



9D137C



CC009B



9D7813



4F474D



8F006D



0F000C

Previews

White Background



This preview shows how the Hex color 137C9D looks on a white background.

Color Contrast Check

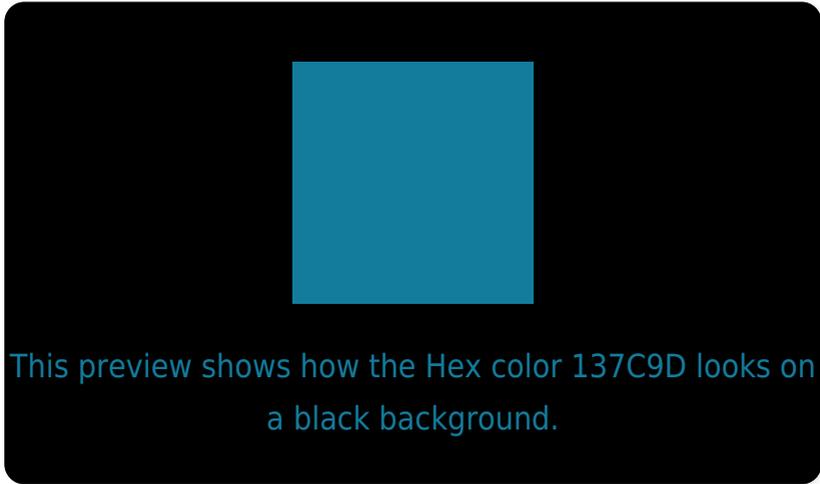
Large Text (above 18pt) WCAG AA ✓ Pass

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 137C9D Background



This preview shows how black text looks on a background with the Hex color 137C9D.



This preview shows how white text looks on a background with the Hex color 137C9D.

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](#).

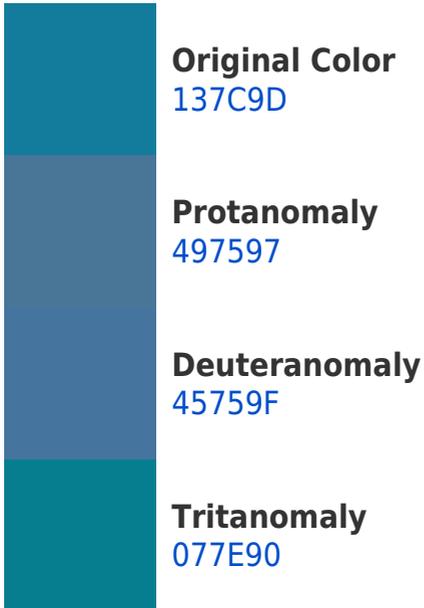
Dichromacy





Tritanopia
007F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 137C9D 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 #137C9D looks like.

```
.text, #text, p{  
    color:#137C9D  
}
```

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 #137C9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #137C9D
}
```

Border

The CSS property to change the border of an element to Hex 137C9D 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
#137C9D }
```

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

```
.border{ border-color:#137C9D }
```

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

Here you see how a box with a 4 pixel #137C9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #137C9D; -webkit-box-shadow:4px 4px  
4px 4px #137C9D; box-shadow:4px 4px 4px  
4px #137C9D }
```

Background

The CSS property to change the background color of an element to Hex 137C9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#137C9D }
```

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

```
.background{ background-color:#137C9D }
```

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