

Converting Colors

Hex(1383AB)

Have a look what the booklet for
Hex(1383AB) contains.

Hex(1383AB)	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(1383AB)

Conversions

Conversions Part 1

Format	Color
Hex	1383AB
RGB	19, 131, 171
RGB Percent	7%, 51%, 67%
CMY	0.9255, 0.4863, 0.3294
CMYK	0.89, 0.23, 0.00, 0.33
HSL	196°, 80%, 37%
HSV	196°, 89%, 67%
XYZ	15.7355, 19.3113, 41.4262
YIQ	102.0720, -79.5920, -11.3040

Conversions

Conversions Part 2

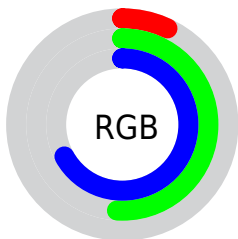
Format	Color
R_{YB}	19, 83, 171
Decimal	1278891
CIE _{Lab}	51.05, -14.46, -29.32
CIE _{LCh}	51, 32.691, 243.750
Yxy	19.3113, 0.2058, 0.2525
Android (android.graphics.Color)	4279468971 (0xFF1383AB)
YUV	102.0720, 33.9815, -72.8541
Hunter-Lab	43.9446, -12.9865, -25.1308

Details

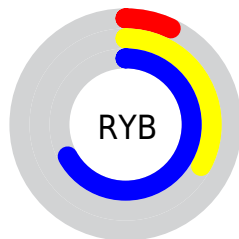
The Hex color **1383AB** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AB3B13**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5FB8E3**, and **005277** is the 20% darker color. If you saturate the color by 10%, you get **027EAB**, and if you desaturate by 10%, it is **2487AB**.

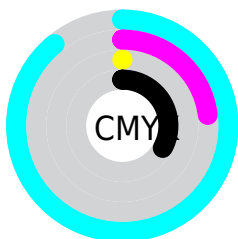
Distribution



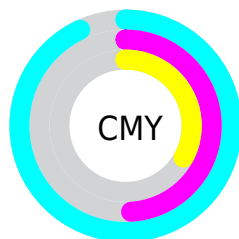
- Red (7%)
- Green (51%)
- Blue (67%)



- Red (7%)
- Yellow (33%)
- Blue (67%)



- Cyan (89%)
- Magenta (23%)
- Yellow (0%)
- Black (33%)



- Cyan (93%)
- Magenta (49%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1383AB 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 1383AB by changing the saturation by 10% instead.

■ 1383AB

■ 1383AB

FFFFFF

■ 006A90

■ 5FB8E3

■ 005277

■ 7DD4FF

■ 003B5E

■ 9BF0FF

■ 002546

■ B9FFFF

■ 000B2F

■ D6FFFF

■ 00011A

■ F5FFFF

■ 000000

■ 1383AB

■ 1383AB

■ 027EAB

■ 2487AB

■ 007EAB

■ 358CAB

■ 4690AB

■ 5795AB

■ 6899AB

■ 7A9EAB

■ 8BA2AB

■ 9CA7AB

■ ADABAB

Harmonies

Analogous

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



008798



1383AB



557BB1

Triad

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



1383AB



AE6377



6B814A

Complementary

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



1383AB



AB3B13

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.



887941



1383AB



AD675C

Square

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



1383AB



9F6793



9F6F48



488660

Rectangle

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



1383AB



7475AD



9F6F48



757F45

Sweetspot

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



1383AB



A2CEDE



13AB39



4C6770



F0F0F0



707070

Same Dimension

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



1383AB



00A3DE



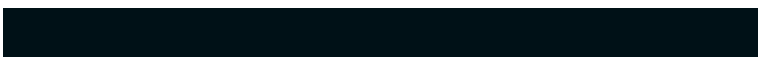
1339AB



4E5457



006F96



001117

Inverse Universe

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



AB1383



DE00A3



AB8513



574E54



96006F



170011

Previews

White Background



This preview shows how the Hex color 1383AB looks on a white background.

Color Contrast Check

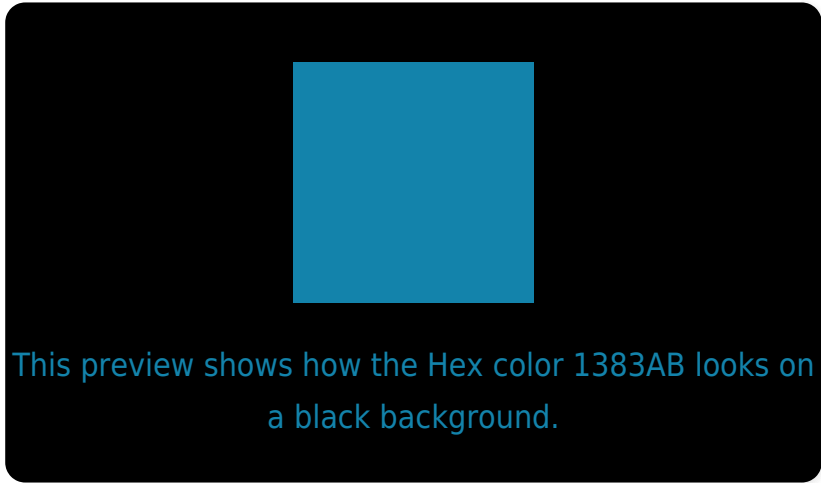
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

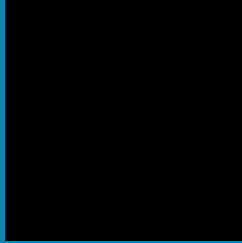
Any Text WCAG AA ✓ Pass

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 1383AB Background



This preview shows how black text looks on a background with the Hex color 1383AB.

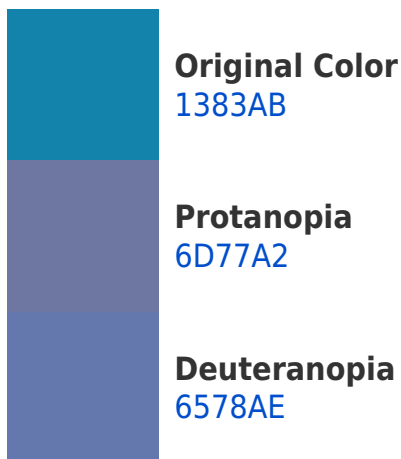


This preview shows how white text looks on a background with the Hex color 1383AB.

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
1383AB

Protanomaly
4C7BA5

Deuteranomaly
477CAD

Monochromacy



Original Color
1383AB

Achromatopsia
666666

Achromatomaly
48717F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1383AB 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 #1383AB looks like.

```
.text, #text, p{  
    color:#1383AB  
}
```

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 #1383AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1383AB
}
```

Border

The CSS property to change the border of an element to Hex 1383AB 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
#1383AB }
```

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

```
.border{ border-color:#1383AB }
```

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

Here you see how a box with a 4 pixel #1383AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1383AB; -webkit-box-shadow:4px 4px  
4px 4px #1383AB; box-shadow:4px 4px 4px  
4px #1383AB }
```

Background

The CSS property to change the background color of an element to Hex 1383AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1383AB }
```

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

```
.background{ background-color:#1383AB }
```

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