

Converting Colors

Hex(2183A0)

Have a look what the booklet for
Hex(2183A0) contains.

Hex(2183A0)	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(2183A0)

Conversions

Conversions Part 1

Format	Color
Hex	2183A0
RGB	33, 131, 160
RGB Percent	13%, 51%, 63%
CMY	0.8706, 0.4863, 0.3725
CMYK	0.79, 0.18, 0.00, 0.37
HSL	194°, 66%, 38%
HSV	194°, 79%, 63%
XYZ	15.0887, 19.0940, 36.1480
YIQ	105.0040, -67.7170, -11.7570

Conversions

Conversions Part 2

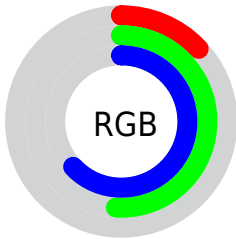
Format	Color
R_{YB}	33, 88, 160
Decimal	2196384
CIE _{Lab}	50.80, -17.19, -23.32
CIE _{LCh}	51, 28.967, 233.610
Yxy	19.0940, 0.2145, 0.2715
Android (android.graphics.Color)	4280386464 (0xFF2183A0)
YUV	105.0040, 27.1130, -63.1475
Hunter-Lab	43.6967, -14.8323, -18.4598

Details

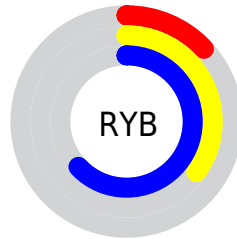
The Hex color **2183A0** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A03E21**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **63B8D7**, and **00516C** is the 20% darker color. If you saturate the color by 10%, you get **117FA0**, and if you desaturate by 10%, it is **3187A0**.

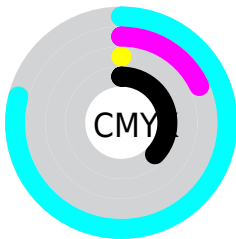
Distribution



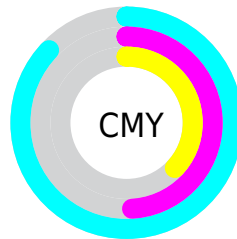
- Red (13%)
- Green (51%)
- Blue (63%)



- Red (13%)
- Yellow (35%)
- Blue (63%)



- Cyan (79%)
- Magenta (18%)
- Yellow (0%)
- Black (37%)



- Cyan (87%)
- Magenta (49%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2183A0 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 2183A0 by changing the saturation by 10% instead.

 2183A0

 2183A0

FFFFFF

 006A86

 63B8D7

 00516C

 80D4F3

 003A54

 9DF0FF

 00253D

 BBFFFF

 000827

 D8FFFF


 000111

 F6FFFF

 000000

 2183A0

 2183A0

 117FA0

 3187A0

017CA0

418AA0

007BA0

518EA0

6192A0

7195A0

8199A0

919DA0

A1A0A0

B1A4A0

Harmonies

Analogous

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



16868C



2183A0



4C7DAA

Triad

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



2183A0



A5667F



757D4B

Complementary

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



2183A0



A03E21

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.



8E7648



2183A0



A96766

Square

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



2183A0



936C97



A06D52



59835B

Rectangle

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



2183A0



6878A9



A06D52



7E7B48

Sweetspot

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



2183A0



9FC6D1



21A03D



4A6269



E8E8E8



696969

Same Dimension

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



2183A0



0AA4D1



2145A0



474D4F



006E8F



000C0F

Inverse Universe

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



A02183



D10AA4



A07C21



4F474D



8F006E



0F000C

Previews

White Background



This preview shows how the Hex color 2183A0 looks on a white background.

Color Contrast Check

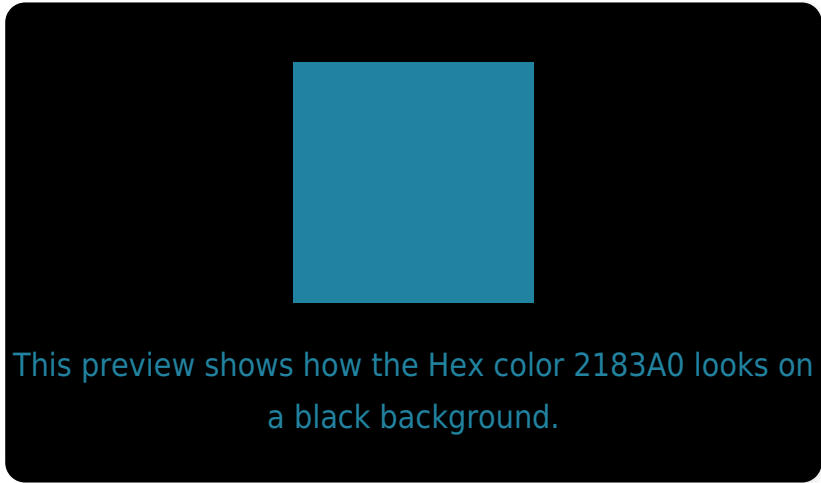
Large Text (above 18pt) WCAG AA ✓ Pass

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

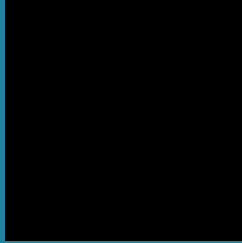
Any Text WCAG AA ✓ Pass

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 2183A0 Background



This preview shows how black text looks on a background with the Hex color 2183A0.

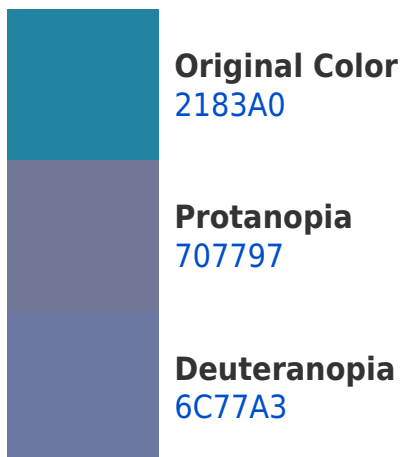


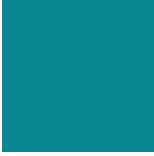
This preview shows how white text looks on a background with the Hex color 2183A0.

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](#).

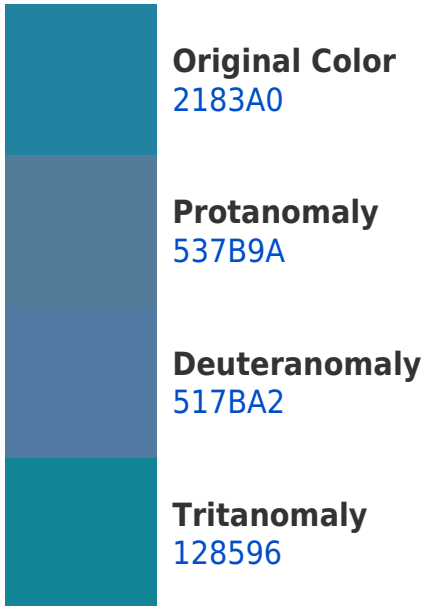
Dichromacy



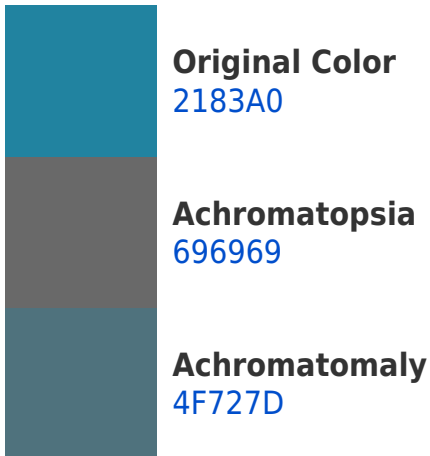


Tritanopia
098691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2183A0 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 #2183A0 looks like.

```
.text, #text, p{  
    color:#2183A0  
}
```

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 #2183A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2183A0
}
```

Border

The CSS property to change the border of an element to Hex 2183A0 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
#2183A0 }
```

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

```
.border{ border-color:#2183A0 }
```

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

Here you see how a box with a 4 pixel #2183A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2183A0; -webkit-box-shadow:4px 4px  
4px 4px #2183A0; box-shadow:4px 4px 4px  
4px #2183A0 }
```

Background

The CSS property to change the background color of an element to Hex 2183A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2183A0 }
```

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

```
.background{ background-color:#2183A0 }
```

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