

Converting Colors

Hex(2188A4)

Have a look what the booklet for
Hex(2188A4) contains.

Hex(2188A4)	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(2188A4)

Conversions

Conversions Part 1

Format	Color
Hex	2188A4
RGB	33, 136, 164
RGB Percent	13%, 53%, 64%
CMY	0.8706, 0.4667, 0.3569
CMYK	0.80, 0.17, 0.00, 0.36
HSL	193°, 66%, 39%
HSV	193°, 80%, 64%
XYZ	16.1322, 20.6120, 38.2502
YIQ	108.3950, -70.3760, -13.1280

Conversions

Conversions Part 2

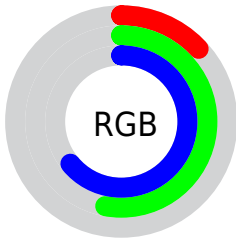
Format	Color
RYB	33, 91, 164
Decimal	2197668
CIELab	52.52, -18.52, -22.98
CIELCh	53, 29.512, 231.133
Yxy	20.6120, 0.2151, 0.2748
Android (android.graphics.Color)	4280387748 (0xFF2188A4)
YUV	108.3950, 27.4133, -66.1214
Hunter-Lab	45.4004, -16.0241, -18.1720

Details

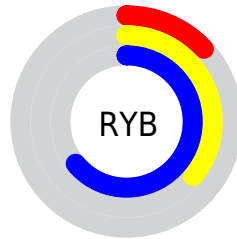
The Hex color **2188A4** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A43D21**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **64BDDDB**, and **005670** is the 20% darker color. If you saturate the color by 10%, you get **1184A4**, and if you desaturate by 10%, it is **318CA4**.

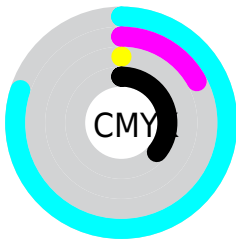
Distribution



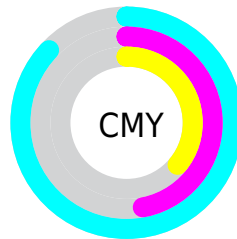
- Red (13%)
- Green (53%)
- Blue (64%)



- Red (13%)
- Yellow (36%)
- Blue (64%)



- Cyan (80%)
- Magenta (17%)
- Yellow (0%)
- Black (36%)



- Cyan (87%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2188A4 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 2188A4 by changing the saturation by 10% instead.

■ 2188A4

■ 2188A4

FFFFFF

■ 006F8A

■ 64BDD8

■ 005670

■ 82D9F8

■ 003F58

■ 9FF6FF

■ 002840

■ BCFFFF

■ 00122A

■ DAFFFF

■ 000115

■ F8FFFF

■ 000000

■ 2188A4

■ 2188A4

■ 1184A4

■ 318CA4

0081A4

428FA4

5293A4

6396A4

739AA4

839DA4

94A1A4

A4A4A4

B5A8A4

Harmonies

Analogous

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



1C8B8F



2188A4



4C82AF

Triad

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



2188A4



AA6A86



7C814D

Complementary

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



2188A4



A43D21

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.



95794B



2188A4



AF6B6C

Square

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



2188A4



96709D



A77157



5F875D

Rectangle

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



2188A4



687DAF



A77157



857F4B

Sweetspot

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



2188A4



A3CBD6



21A43B



4C646B



EBEBEB



6B6B6B

Same Dimension

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



2188A4



09AAD6



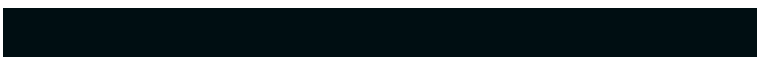
2148A4



495052



007291



000E12

Inverse Universe

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



A42188



D609AA



A47D21



524950



910072



12000E

Previews

White Background



This preview shows how the Hex color 2188A4 looks on a white background.

Color Contrast Check

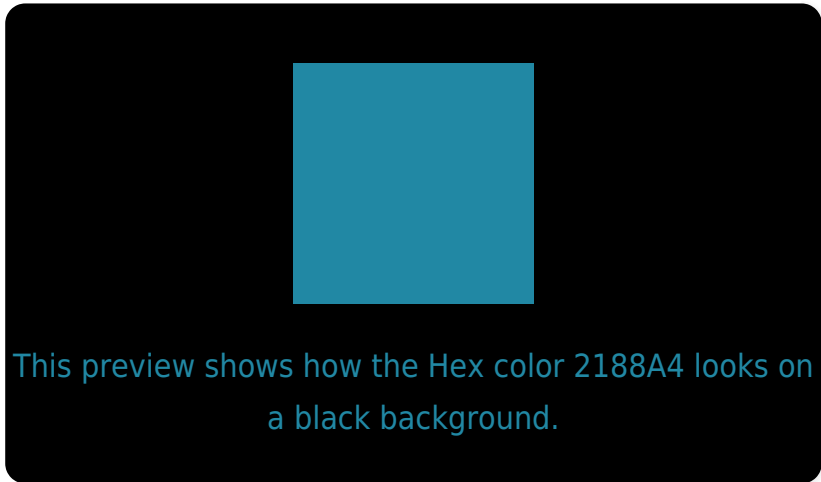
Large Text (above 18pt) WCAG AA ✓ Pass

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

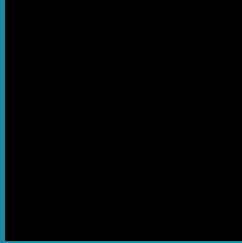
Any Text WCAG AA ✓ Pass

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 2188A4 Background



This preview shows how black text looks on a background with the Hex color 2188A4.

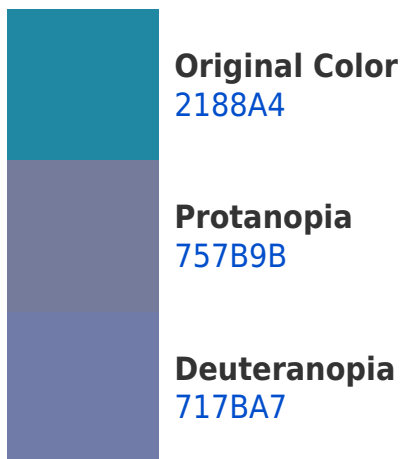


This preview shows how white text looks on a background with the Hex color 2188A4.

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](#).

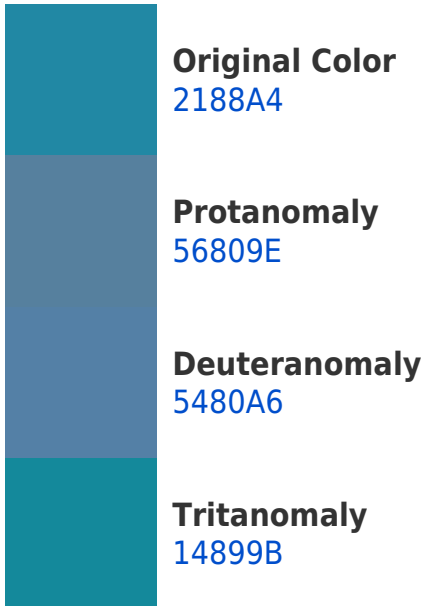
Dichromacy





Tritanopia
0C8A96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2188A4 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 #2188A4 looks like.

```
.text, #text, p{  
  color:#2188A4  
}
```

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 #2188A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2188A4
}
```

Border

The CSS property to change the border of an element to Hex 2188A4 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
#2188A4 }
```

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

```
.border{ border-color:#2188A4 }
```

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

Here you see how a box with a 4 pixel #2188A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2188A4; -webkit-box-shadow:4px 4px  
4px 4px #2188A4; box-shadow:4px 4px 4px  
4px #2188A4 }
```

Background

The CSS property to change the background color of an element to Hex 2188A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2188A4 }
```

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

```
.background{ background-color:#2188A4 }
```

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