

Converting Colors

Hex(2184A7)

Have a look what the booklet for
Hex(2184A7) contains.

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Color

Hex(2184A7)

Conversions

Conversions Part 1

Format	Color
Hex	2184A7
RGB	33, 132, 167
RGB Percent	13%, 52%, 65%
CMY	0.8706, 0.4824, 0.3451
CMYK	0.80, 0.21, 0.00, 0.35
HSL	196°, 67%, 39%
HSV	196°, 80%, 65%
XYZ	15.8535, 19.6159, 39.5099
YIQ	106.3890, -70.2390, -10.1030

Conversions

Conversions Part 2

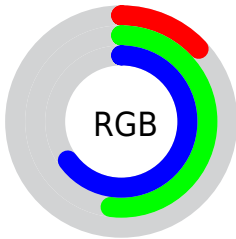
Format	Color
R _Y B	33, 90, 167
Decimal	2196647
CIE Lab	51.40, -15.29, -26.45
CIE LCh	51, 30.545, 239.972
Yxy	19.6159, 0.2114, 0.2616
Android (android.graphics.Color)	4280386727 (0xFF2184A7)
YUV	106.3890, 29.8812, -64.3622
Hunter-Lab	44.2898, -13.6132, -21.8883

Details

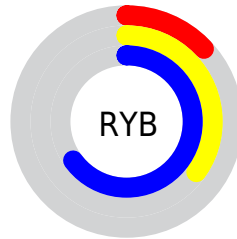
The Hex color **2184A7** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A74421**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **65B9DE**, and **005273** is the 20% darker color. If you saturate the color by 10%, you get **1080A7**, and if you desaturate by 10%, it is **3288A7**.

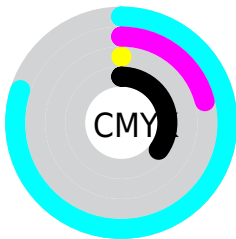
Distribution



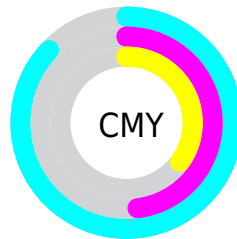
- Red (13%)
- Green (52%)
- Blue (65%)



- Red (13%)
- Yellow (35%)
- Blue (65%)



- Cyan (80%)
- Magenta (21%)
- Yellow (0%)
- Black (35%)



- Cyan (87%)
- Magenta (48%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2184A7 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 2184A7 by changing the saturation by 10% instead.

■ 2184A7

■ 2184A7

FFFFFF

■ 006B8D

■ 65B9DE

■ 005273

■ 82D5FB

■ 003B5A

■ 9FF1FF

■ 002643

■ BCFFFF

■ 000D2C

■ DAFFFF

■ 000117

■ F8FFFF

■ 000000

■ 2184A7

■ 2184A7

■ 1080A7

■ 3288A7

007BA7

428DA7

5391A7

6495A7

749AA7

859EA7

96A3A7

A7A7A7

B7ABA7

Harmonies

Analogous

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



008894



2184A7



547DAE

Triad

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



2184A7



AB667C



70814C

Complementary

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



2184A7



A74421

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.



8B7946



2184A7



AC6862

Square

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



2184A7



9B6B95



A1704E



51865F

Rectangle

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



2184A7



7177AB



A1704E



7A7E48

Sweetspot

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



2184A7



A5CBD9



21A742



4E656E



EDEDED



6E6E6E

Same Dimension

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



2184A7



09A2D9



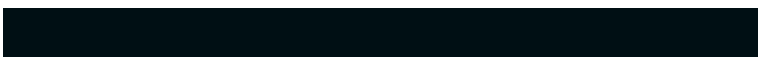
2142A7



4C5254



006D94



000F14

Inverse Universe

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



A72184



D909A2



A78521



544C52



94006D



14000F

Previews

White Background



This preview shows how the Hex color 2184A7 looks on a white background.

Color Contrast Check

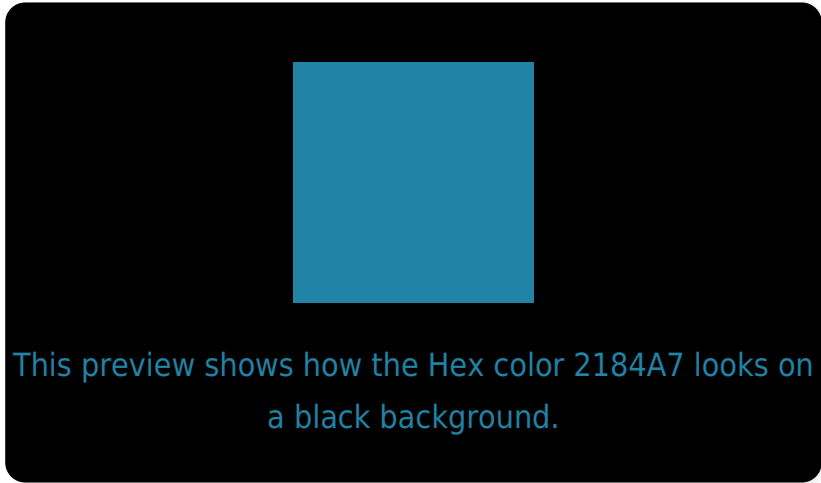
Large Text (above 18pt) WCAG AA ✓ Pass

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

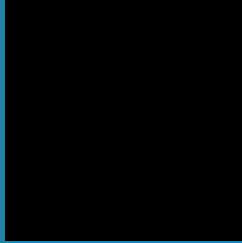
Any Text WCAG AA ✓ Pass

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 2184A7 Background



This preview shows how black text looks on a background with the Hex color 2184A7.

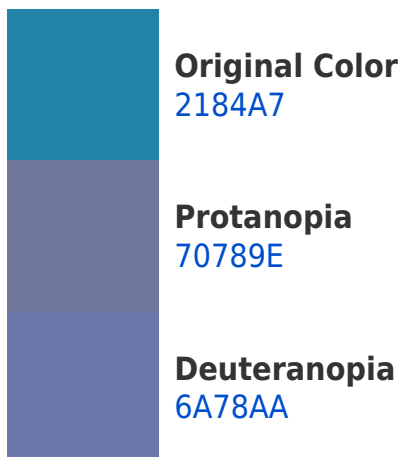


This preview shows how white text looks on a background with the Hex color 2184A7.

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
2184A7

Protanomaly
537CA1

Deuteranomaly
4F7CA9

Monochromacy



Original Color
2184A7

Achromatopsia
6A6A6A

Achromatomaly
4F7380

CSS Examples

Text

The CSS property to change the color of the text to Hex 2184A7 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 #2184A7 looks like.

```
.text, #text, p{  
    color:#2184A7  
}
```

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 #2184A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2184A7
}
```

Border

The CSS property to change the border of an element to Hex 2184A7 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
#2184A7 }
```

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

```
.border{ border-color:#2184A7 }
```

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

Here you see how a box with a 4 pixel #2184A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2184A7; -webkit-box-shadow:4px 4px  
4px 4px #2184A7; box-shadow:4px 4px 4px  
4px #2184A7 }
```

Background

The CSS property to change the background color of an element to Hex 2184A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2184A7 }
```

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

```
.background{ background-color:#2184A7 }
```

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](#).

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