

Converting Colors

Hex(2080A0)

Have a look what the booklet for
Hex(2080A0) contains.

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Color

Hex(2080A0)

Conversions

Conversions Part 1

Format	Color
Hex	2080A0
RGB	32, 128, 160
RGB Percent	13%, 50%, 63%
CMY	0.8745, 0.4980, 0.3725
CMYK	0.80, 0.20, 0.00, 0.37
HSL	195°, 67%, 38%
HSV	195°, 80%, 63%
XYZ	14.6600, 18.2835, 36.0141
YIQ	102.9440, -67.4880, -10.4000

Conversions

Conversions Part 2

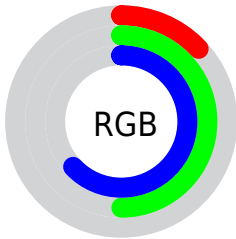
Format	Color
RYB	32, 87, 160
Decimal	2130080
CIELab	49.84, -15.64, -24.80
CIELCh	50, 29.321, 237.762
Yxy	18.2835, 0.2126, 0.2651
Android (android.graphics.Color)	4280320160 (0xFF2080A0)
YUV	102.9440, 28.1286, -62.2179
Hunter-Lab	42.7592, -13.6298, -20.0058

Details

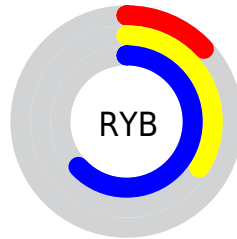
The Hex color **2080A0** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A04020**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **62B5D7**, and **004F6C** is the 20% darker color. If you saturate the color by 10%, you get **107CA0**, and if you desaturate by 10%, it is **3084A0**.

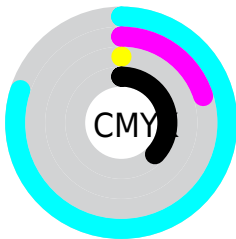
Distribution



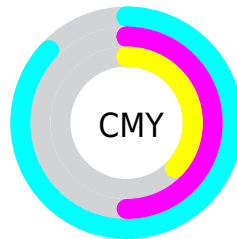
- Red (13%)
- Green (50%)
- Blue (63%)



- Red (13%)
- Yellow (34%)
- Blue (63%)



- Cyan (80%)
- Magenta (20%)
- Yellow (0%)
- Black (37%)



- Cyan (87%)
- Magenta (50%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2080A0 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 2080A0 by changing the saturation by 10% instead.

■ 2080A0

■ 2080A0

FFFFFF

■ 006786

■ 62B5D7

■ 004F6C

■ 80D0F3

■ 003854

■ 9DEDFF

■ 00223D

■ BAEFFF

■ 000327

■ D7FFFF

■ 000110

■ F5FFFF

■ 000000

■ 2080A0

■ 2080A0

■ 107CA0

■ 3084A0

0078A0

4088A0

508CA0

6090A0

7094A0

8098A0

909CA0

A0A0A0

B0A4A0

Harmonies

Analogous

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



06838D



2080A0



4F7AA8

Triad

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



2080A0



A46379



6F7C4A

Complementary

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



2080A0



A04020

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.



897444



2080A0



A66561

Square

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



2080A0



946891



9C6C4D



52815B

Rectangle

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



2080A0



6A74A6



9C6C4D



787A46

Sweetspot

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



2080A0



9FC5D1



20A040



4A6169



E8E8E8



696969

Same Dimension

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



2080A0



089FD1



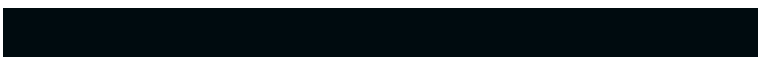
2040A0



474D4F



006B8F



000B0F

Inverse Universe

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



A02080



D1089F



A08020



4F474D



8F006B



0F000B

Previews

White Background



This preview shows how the Hex color 2080A0 looks on a white background.

Color Contrast Check

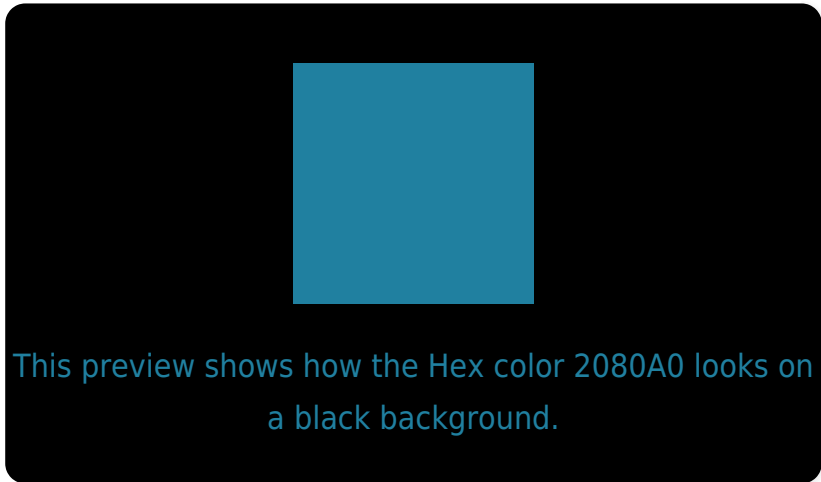
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 2080A0 Background



This preview shows how black text looks on a background with the Hex color 2080A0.

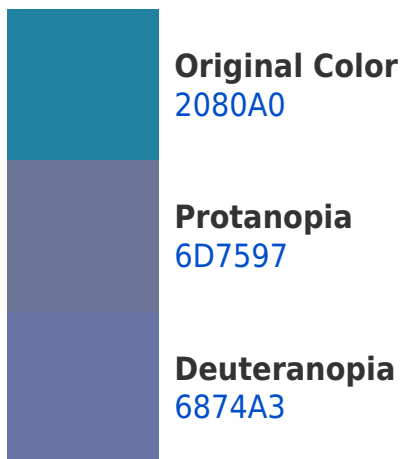


This preview shows how white text looks on a background with the Hex color 2080A0.

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](#).

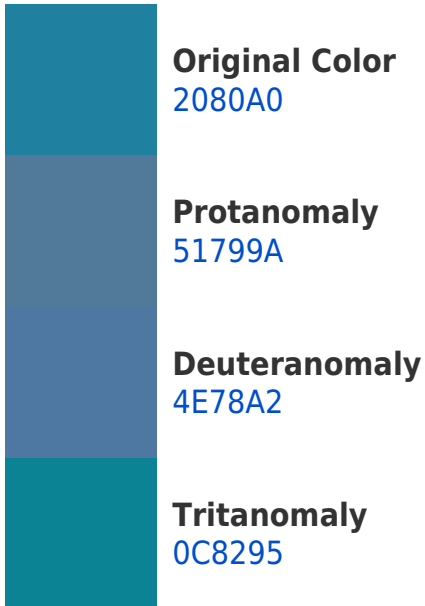
Dichromacy





Tritanopia
00838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2080A0 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 #2080A0 looks like.

```
.text, #text, p{  
    color:#2080A0  
}
```

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 #2080A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2080A0
}
```

Border

The CSS property to change the border of an element to Hex 2080A0 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
#2080A0 }
```

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

```
.border{ border-color:#2080A0 }
```

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

Here you see how a box with a 4 pixel #2080A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2080A0; -webkit-box-shadow:4px 4px  
4px 4px #2080A0; box-shadow:4px 4px 4px  
4px #2080A0 }
```

Background

The CSS property to change the background color of an element to Hex 2080A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2080A0 }
```

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

```
.background{ background-color:#2080A0 }
```

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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