

Converting Colors

Hex(2078A2)

Have a look what the booklet for
Hex(2078A2) contains.

Hex(2078A2)	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(2078A2)

Conversions

Conversions Part 1

Format	Color
Hex	2078A2
RGB	32, 120, 162
RGB Percent	13%, 47%, 64%
CMY	0.8745, 0.5294, 0.3647
CMYK	0.80, 0.26, 0.00, 0.36
HSL	199°, 67%, 38%
HSV	199°, 80%, 64%
XYZ	13.8337, 16.3487, 36.6089
YIQ	98.4760, -65.9300, -5.5940

Conversions

Conversions Part 2

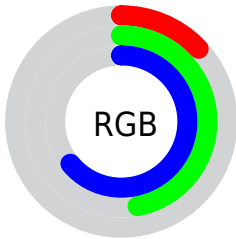
Format	Color
R_{YB}	32, 84, 162
Decimal	2128034
CIE _{Lab}	47.43, -10.39, -29.71
CIE _{LCh}	47, 31.476, 250.725
Yxy	16.3487, 0.2071, 0.2448
Android (android.graphics.Color)	4280318114 (0xFF2078A2)
YUV	98.4760, 31.3173, -58.2995
Hunter-Lab	40.4335, -9.6874, -25.3784

Details

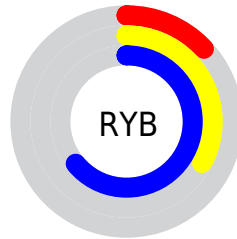
The Hex color **2078A2** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A24A20**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **62ACD9**, and **00486E** is the 20% darker color. If you saturate the color by 10%, you get **1073A2**, and if you desaturate by 10%, it is **307DA2**.

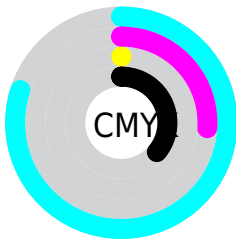
Distribution



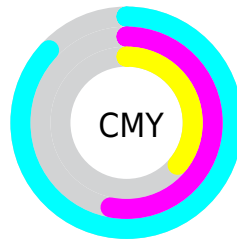
- Red (13%)
- Green (47%)
- Blue (64%)



- Red (13%)
- Yellow (33%)
- Blue (64%)



- Cyan (80%)
- Magenta (26%)
- Yellow (0%)
- Black (36%)



- Cyan (87%)
- Magenta (53%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2078A2 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 2078A2 by changing the saturation by 10% instead.

■ 2078A2

■ 2078A2

FFFFFF

■ 005F88

■ 62ACD9

■ 00486E

■ 7FC8F6

■ 003156

■ 9CE4FF

■ 001D3E

■ B9FFFF

■ 000328

■ D7FFFF

■ 000112

■ F5FFFF

■ 000000

■ 2078A2

■ 2078A2

■ 1073A2

■ 307DA2

■ 006EA2

■ 4082A2

■ 5188A2

■ 618DA2

■ 7192A2

■ 8197A2

■ 919DA2

■ A2A2A2

■ B2A7A2

Harmonies

Analogous

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



007D92



2078A2



5870A4

Triad

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



2078A2



A35B68



5B7947

Complementary

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



2078A2



A24A20

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.



78723B



2078A2



9F604F

Square

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



2078A2



995E83



90693F



387D5E

Rectangle

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



2078A2



74699E



90693F



657742

Sweetspot

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



2078A2



A1C3D4



20A249



4C616B



EBEBEB



6B6B6B

Same Dimension

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



2078A2



0892D4



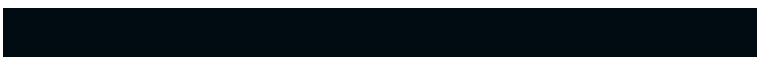
2038A2



494F52



006291



000C12

Inverse Universe

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



A22078



D40892



A28A20



52494F



910062



12000C

Previews

White Background



This preview shows how the Hex color 2078A2 looks on a white background.

Color Contrast Check

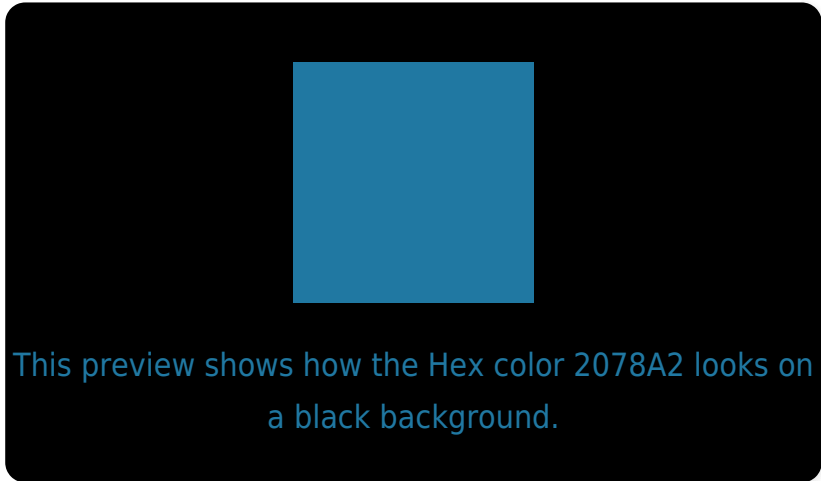
Large Text (above 18pt) WCAG AA ✓ Pass

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

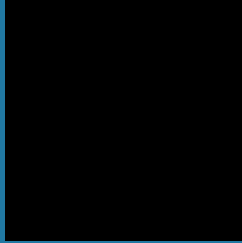
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2078A2 Background



This preview shows how black text looks on a background with the Hex color 2078A2.

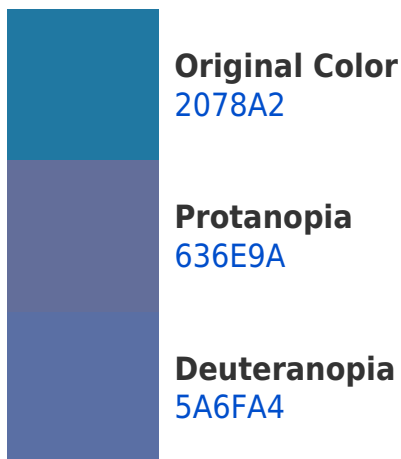


This preview shows how white text looks on a background with the Hex color 2078A2.

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](#).

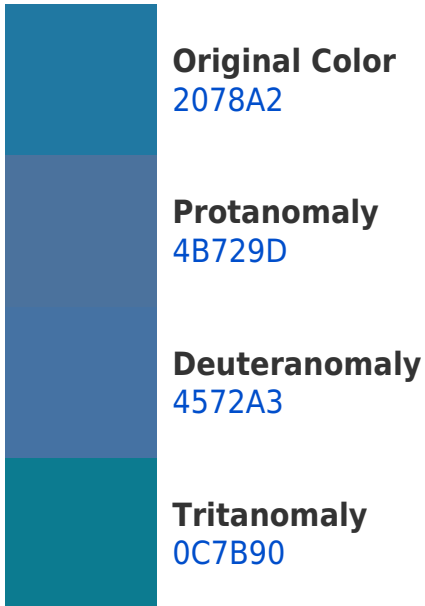
Dichromacy



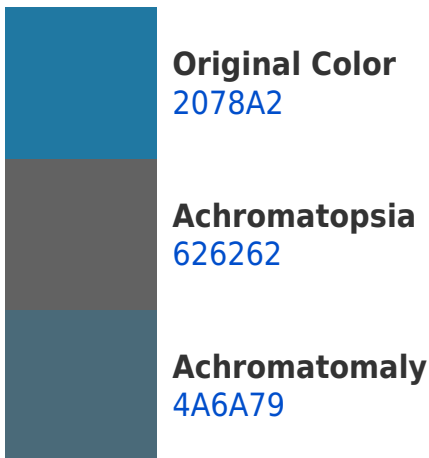


Tritanopia
007C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2078A2 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 #2078A2 looks like.

```
.text, #text, p{  
    color:#2078A2  
}
```

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 #2078A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2078A2
}
```

Border

The CSS property to change the border of an element to Hex 2078A2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

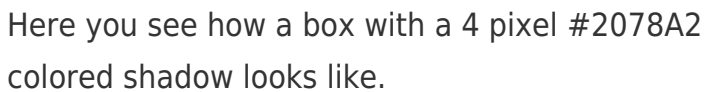
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2078A2 }
```

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

```
.border{ border-color:#2078A2 }
```

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



Here you see how a box with a 4 pixel #2078A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2078A2; -webkit-box-shadow:4px 4px  
4px 4px #2078A2; box-shadow:4px 4px 4px  
4px #2078A2 }
```

Background

The CSS property to change the background color of an element to Hex 2078A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2078A2 }
```

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

```
.background{ background-color:#2078A2 }
```

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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