

# Converting Colors

Hex(2073A1)

Have a look what the booklet for  
Hex(2073A1) contains.

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# Color

**Hex(2073A1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2073A1
RGB	32, 115, 161
RGB Percent	13%, 45%, 63%
CMY	0.8745, 0.5490, 0.3686
CMYK	0.80, 0.29, 0.00, 0.37
HSL	201°, 67%, 38%
HSV	201°, 80%, 63%
XYZ	13.1594, 15.1418, 35.9473
YIQ	95.4270, -64.2340, -3.2900

# Conversions

## Conversions Part 2

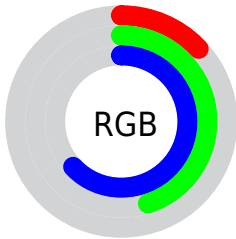
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 83, 161
Decimal	2126753
CIE <sub>Lab</sub>	45.83, -7.83, -31.63
CIE <sub>LCh</sub>	46, 32.585, 256.087
Yxy	15.1418, 0.2048, 0.2357
Android (android.graphics.Color)	4280316833 (0xFF2073A1)
YUV	95.4270, 32.3275, -55.6255
Hunter-Lab	38.9124, -7.7315, -27.5334

# Details

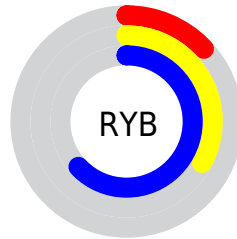
The Hex color **2073A1** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A14E20**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **62A7D8**, and **00436D** is the 20% darker color. If you saturate the color by 10%, you get **106DA1**, and if you desaturate by 10%, it is **3079A1**.

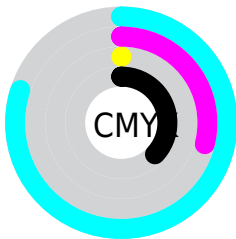
# Distribution



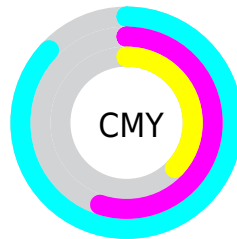
- Red (13%)
- Green (45%)
- Blue (63%)



- Red (13%)
- Yellow (33%)
- Blue (63%)



- Cyan (80%)
- Magenta (29%)
- Yellow (0%)
- Black (37%)



- Cyan (87%)
- Magenta (55%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2073A1 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 2073A1 by changing the saturation by 10% instead.



■ 2073A1

■ 2073A1

FFFFFF

■ 005B87

■ 62A7D8

■ 00436D

■ 7FC2F5

■ 002D55

■ 9CDEFF

■ 00193D

■ B9FAFF

■ 000327

■ D6FFFF

■ 000110

■ F4FFFF

■ 000000

■ 2073A1

■ 2073A1

■ 106DA1

■ 3079A1

0068A1

407EA1

5084A1

608AA1

7190A1

8195A1

919BA1

A1A1A1

B1A7A1

# Harmonies

## Analogous

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



007993



2073A1



5B6AA1

# Triad

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



2073A1



A1575F



507646

# Complementary

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



2073A1



A14E20

# 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.



6F7037



2073A1



9A5D46

# Square

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



2073A1



99587A



886737



287A5F

# Rectangle

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



2073A1



766399



886737



5B743F



# Sweetspot

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



2073A1



9FBFD1



20A14D



4A5E69



E8E8E8



696969



# Same Dimension

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



2073A1



088AD1



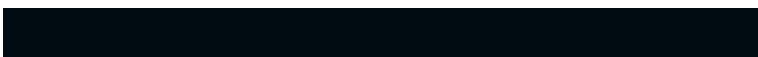
2033A1



494F52



005E91



000B12



# Inverse Universe

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



A12073



D1088A



A18E20



52494F



91005E



12000B



# Previews

## White Background



This preview shows how the Hex color 2073A1 looks on a white background.

## Color Contrast Check

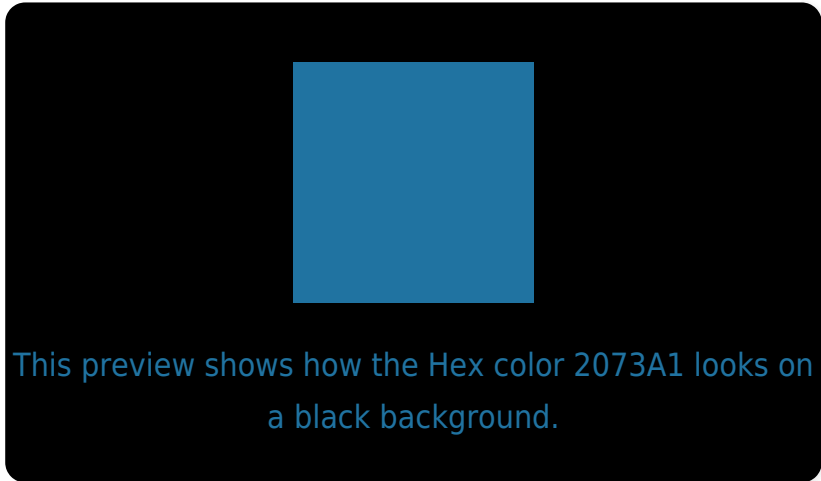
Large Text (above 18pt) WCAG AA ✓ Pass

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

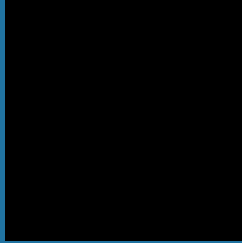
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2073A1 Background



This preview shows how black text looks on a background with the Hex color 2073A1.

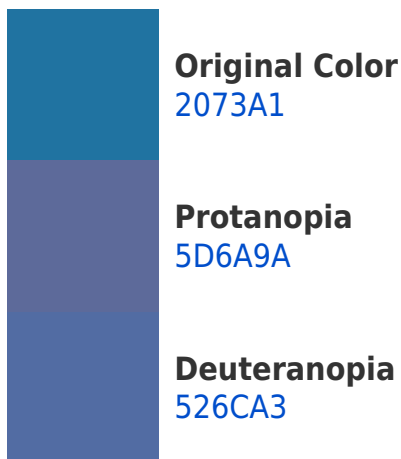


This preview shows how white text looks on a background with the Hex color 2073A1.

# 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](#).

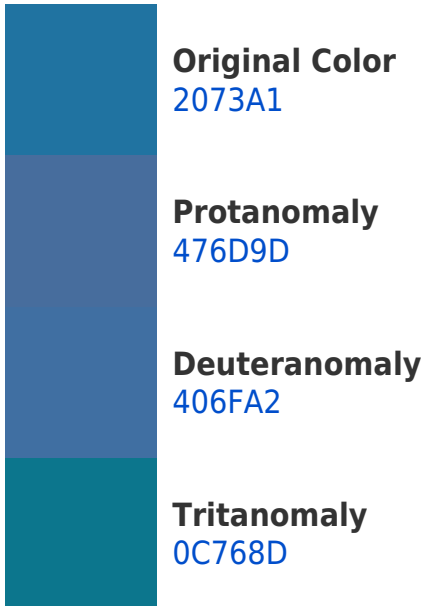
## Dichromacy



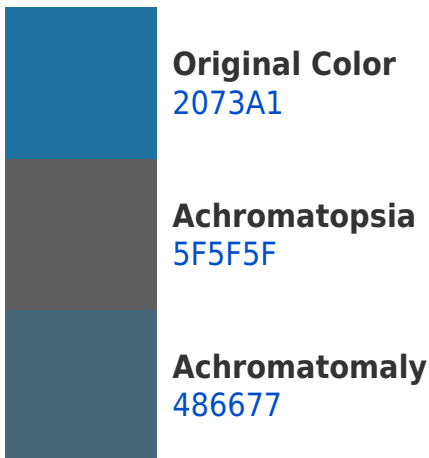


**Tritanopia**  
007881

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2073A1 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 #2073A1 looks like.

```
.text, #text, p{  
    color:#2073A1  
}
```

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 #2073A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2073A1
}
```

## Border

The CSS property to change the border of an element to Hex 2073A1 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
#2073A1 }
```

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

```
.border{ border-color:#2073A1 }
```

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

Here you see how a box with a 4 pixel #2073A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2073A1; -webkit-box-shadow:4px 4px  
4px 4px #2073A1; box-shadow:4px 4px 4px  
4px #2073A1 }
```

# Background

The CSS property to change the background color of an element to Hex 2073A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2073A1 }
```

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

```
.background{ background-color:#2073A1 }
```

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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