

Converting Colors

Hex(2095B0)

Have a look what the booklet for
Hex(2095B0) contains.

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Color

Hex(2095B0)

Conversions

Conversions Part 1

Format	Color
Hex	2095B0
RGB	32, 149, 176
RGB Percent	13%, 58%, 69%
CMY	0.8745, 0.4157, 0.3098
CMYK	0.82, 0.15, 0.00, 0.31
HSL	191°, 69%, 41%
HSV	191°, 82%, 69%
XYZ	19.1796, 24.9366, 44.8767
YIQ	117.0950, -78.3990, -16.4070

Conversions

Conversions Part 2

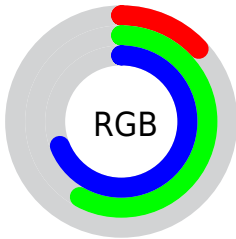
Format	Color
R _Y B	32, 97, 176
Decimal	2135472
CIE Lab	57.01, -21.44, -22.95
CIE LCh	57, 31.410, 226.950
Yxy	24.9366, 0.2155, 0.2802
Android (android.graphics.Color)	4280325552 (0xFF2095B0)
YUV	117.0950, 29.0402, -74.6283
Hunter-Lab	49.9365, -18.8307, -18.3268

Details

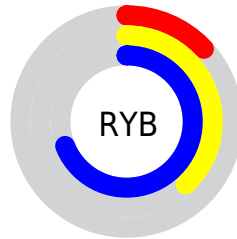
The Hex color **2095B0** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B03B20**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **67CBE8**, and **00627B** is the 20% darker color. If you saturate the color by 10%, you get **0E92B0**, and if you desaturate by 10%, it is **3298B0**.

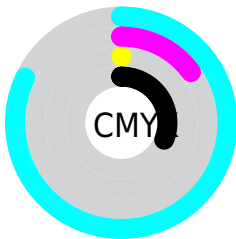
Distribution



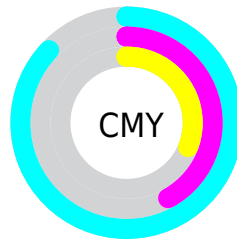
- Red (13%)
- Green (58%)
- Blue (69%)



- Red (13%)
- Yellow (38%)
- Blue (69%)



- Cyan (82%)
- Magenta (15%)
- Yellow (0%)
- Black (31%)



- Cyan (87%)
- Magenta (42%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2095B0 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 2095B0 by changing the saturation by 10% instead.

 2095B0

 2095B0

FFFFFF

 007B95

 67CBE8

 00627B

 85E8FF

 004A62

 A3FFFF

 00334A

 C1FFFF

 001F34

 DFFFFF

 00021F

FDFFFF

 000001

 000000

 2095B0

 2095B0

■ 0E92B0

■ 3298B0

■ 008FB0

■ 439CB0

■ 559FB0

■ 66A2B0

■ 78A5B0

■ 8AA9B0

■ 9BACB0

■ ADAFB0

■ BEB3B0

Harmonies

Analogous

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



249798



2095B0



4D8FBE

Triad

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



2095B0



B77596



8B8C54

Complementary

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



2095B0



B03B20

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.



A68354



2095B0



BF747A

Square

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



2095B0



9F7CAE



B87A62



6C9363

Rectangle

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



2095B0



6C89BF



B87A62



958952

Sweetspot

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



2095B0



ACDBE6



20B03A



506C73



F2F2F2



737373

Same Dimension

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



2095B0



05BBE6



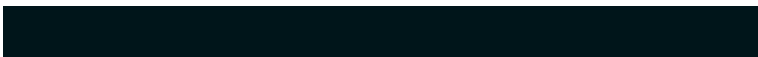
204EB0



505859



007C99



00151A

Inverse Universe

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



B02095



E605BB



B08220



595058



99007C



1A0015

Previews

White Background



This preview shows how the Hex color 2095B0 looks on a white background.

Color Contrast Check

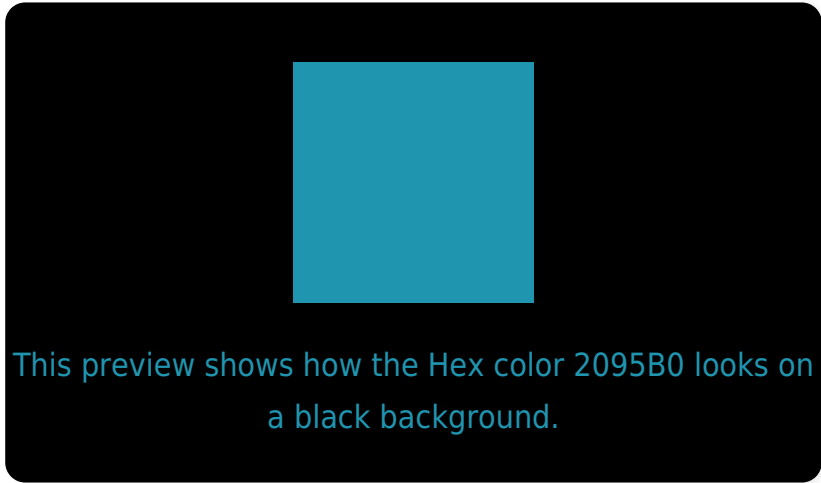
Large Text (above 18pt) WCAG AA ✓ Pass

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

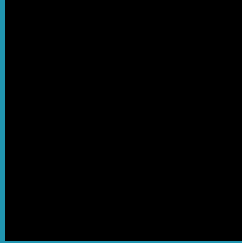
Any Text WCAG AA ✓ Pass

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 2095B0 Background



This preview shows how black text looks on a background with the Hex color 2095B0.

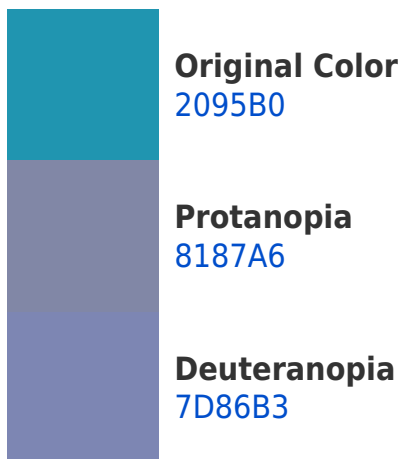


This preview shows how white text looks on a background with the Hex color 2095B0.

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](#).

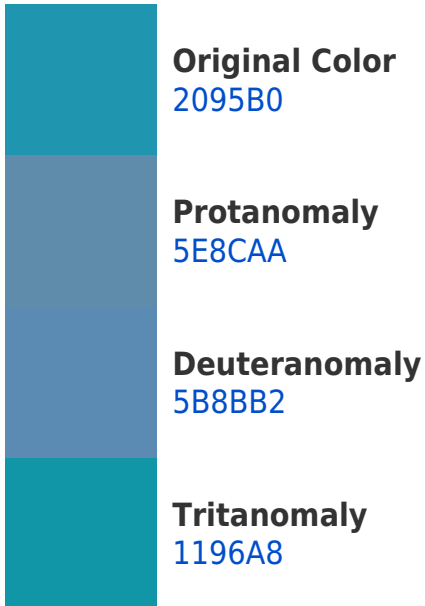
Dichromacy





Tritanopia
0997A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2095B0 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 #2095B0 looks like.

```
.text, #text, p{  
    color:#2095B0  
}
```

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 #2095B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2095B0
}
```

Border

The CSS property to change the border of an element to Hex 2095B0 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
#2095B0 }
```

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

```
.border{ border-color:#2095B0 }
```

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

Here you see how a box with a 4 pixel #2095B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2095B0; -webkit-box-shadow:4px 4px  
4px 4px #2095B0; box-shadow:4px 4px 4px  
4px #2095B0 }
```

Background

The CSS property to change the background color of an element to Hex 2095B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2095B0 }
```

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

```
.background{ background-color:#2095B0 }
```

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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