

Converting Colors

Hex(2097D7)

Have a look what the booklet for
Hex(2097D7) contains.

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Color

Hex(2097D7)

Conversions

Conversions Part 1

Format	Color
Hex	2097D7
RGB	32, 151, 215
RGB Percent	13%, 59%, 84%
CMY	0.8745, 0.4078, 0.1569
CMYK	0.85, 0.30, 0.00, 0.16
HSL	201°, 74%, 48%
HSV	201°, 85%, 84%
XYZ	23.9280, 27.3466, 68.3073
YIQ	122.7150, -91.4680, -5.3240

Conversions

Conversions Part 2

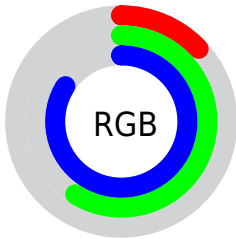
Format	Color
R_{YB}	32, 104, 215
Decimal	2136023
CIE _{Lab}	59.29, -8.83, -41.39
CIE _{LCh}	59, 42.325, 257.960
Yxy	27.3466, 0.2001, 0.2287
Android (android.graphics.Color)	4280326103 (0xFF2097D7)
YUV	122.7150, 45.4965, -79.5571
Hunter-Lab	52.2940, -9.8387, -40.8398

Details

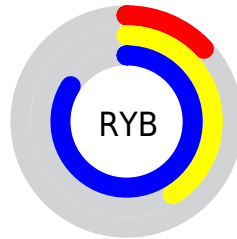
The Hex color **2097D7** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **D76020**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **6ECDFF**, and **0064A0** is the 20% darker color. If you saturate the color by 10%, you get **0B8FD7**, and if you desaturate by 10%, it is **359FD7**.

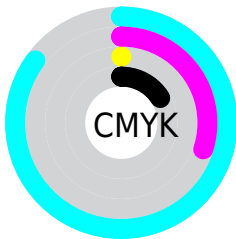
Distribution



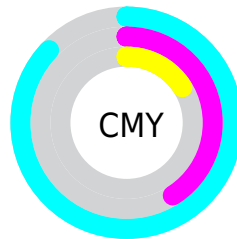
- Red (13%)
- Green (59%)
- Blue (84%)



- Red (13%)
- Yellow (41%)
- Blue (84%)



- Cyan (85%)
- Magenta (30%)
- Yellow (0%)
- Black (16%)



- Cyan (87%)
- Magenta (41%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2097D7 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 2097D7 by changing the saturation by 10% instead.

 2097D7

 2097D7

FFFFFF

 007DBB

 6ECDFF

 0064A0

 8EE9FF

 004D85

 ADFFFF

 00366C

 CBFFFF

 002153

 EAFFFF

 00063C

 000225

 00010E

 000000

■ 2097D7

■ 2097D7

■ 0B8FD7

■ 359FD7

■ 008CD7

■ 4BA6D7

■ 60AED7

■ 76B5D7

■ 8CBDD7

■ A1C4D7

■ B7CCD7

■ CCD3D7

■ E2DBD7

Harmonies

Analogous

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



009FC5



2097D7



7A8BD5

Triad

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



2097D7



D5717A



659C5B

Complementary

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



2097D7



D76020

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.



8F9445



2097D7



CB7A59

Square

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



2097D7



CC729F



B28745



25A17E

Rectangle

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



2097D7



9F81CA



B28745



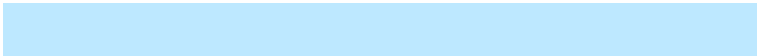
749A52

Sweetspot

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



2097D7



BDE8FF



20D75D



587280



000000



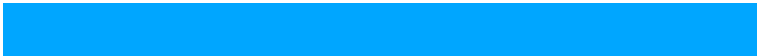
808080

Same Dimension

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



2097D7



00A6FF



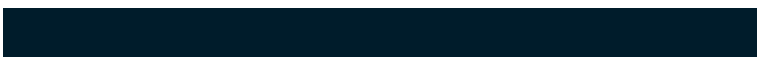
203FD7



60676B



006FAB



001C2B

Inverse Universe

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



D72097



FF00A6



D7B920



6B6067



AB006F



2B001C

Previews

White Background



This preview shows how the Hex color 2097D7 looks on a white background.

Color Contrast Check

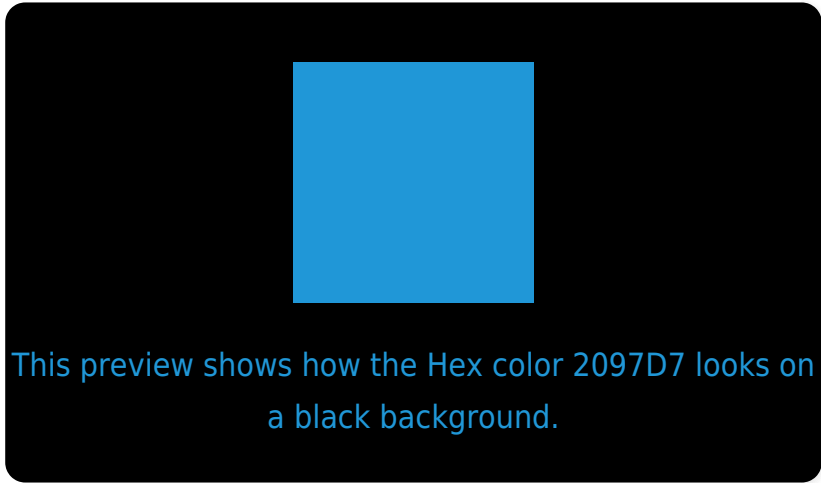
Large Text (above 18pt) WCAG AA ✓ Pass

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

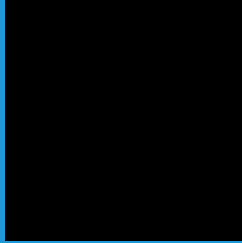
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

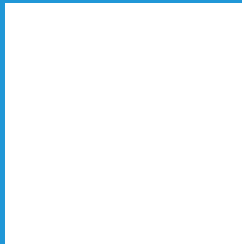
Any Text WCAG AAA × Fail

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

Hex 2097D7 Background



This preview shows how black text looks on a background with the Hex color 2097D7.

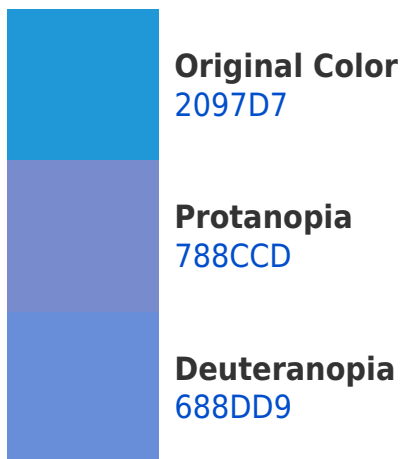


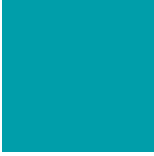
This preview shows how white text looks on a background with the Hex color 2097D7.

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](#).

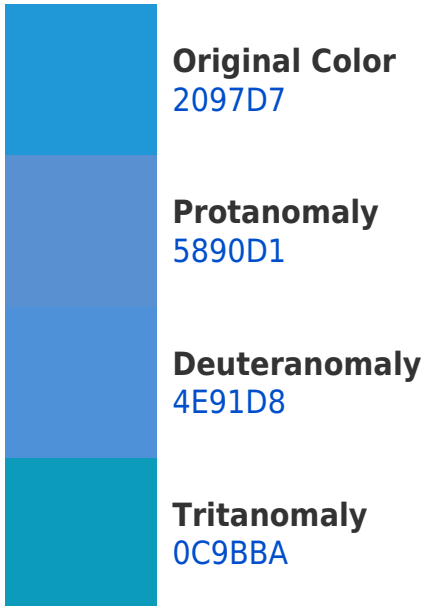
Dichromacy



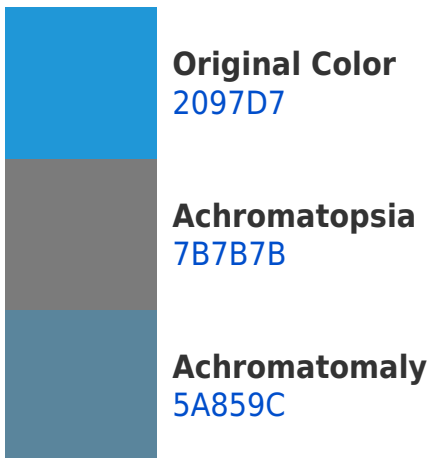


Tritanopia
009EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2097D7 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 #2097D7 looks like.

```
.text, #text, p{  
    color:#2097D7  
}
```

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 #2097D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2097D7
}
```

Border

The CSS property to change the border of an element to Hex 2097D7 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
#2097D7 }
```

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

```
.border{ border-color:#2097D7 }
```

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

Here you see how a box with a 4 pixel #2097D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2097D7; -webkit-box-shadow:4px 4px  
4px 4px #2097D7; box-shadow:4px 4px 4px  
4px #2097D7 }
```

Background

The CSS property to change the background color of an element to Hex 2097D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2097D7 }
```

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

```
.background{ background-color:#2097D7 }
```

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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