

Converting Colors

Hex(2395B8)

Have a look what the booklet for
Hex(2395B8) contains.

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Color

Hex(2395B8)

Conversions

Conversions Part 1

Format	Color
Hex	2395B8
RGB	35, 149, 184
RGB Percent	14%, 58%, 72%
CMY	0.8627, 0.4157, 0.2784
CMYK	0.81, 0.19, 0.00, 0.28
HSL	194°, 68%, 43%
HSV	194°, 81%, 72%
XYZ	20.0923, 25.3129, 49.1743
YIQ	118.9040, -79.1790, -13.2830

Conversions

Conversions Part 2

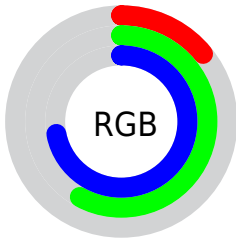
Format	Color
R _Y B	35, 100, 184
Decimal	2332088
CIE Lab	57.38, -18.44, -26.93
CIE LCh	57, 32.637, 235.604
Yxy	25.3129, 0.2124, 0.2676
Android (android.graphics.Color)	4280522168 (0xFF2395B8)
YUV	118.9040, 32.0923, -73.5838
Hunter-Lab	50.3119, -16.7611, -22.7310

Details

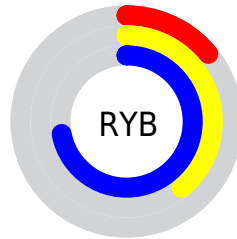
The Hex color **2395B8** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B84623**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **6ACBF0**, and **006283** is the 20% darker color. If you saturate the color by 10%, you get **1191B8**, and if you desaturate by 10%, it is **3599B8**.

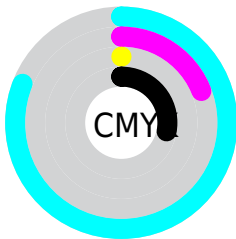
Distribution



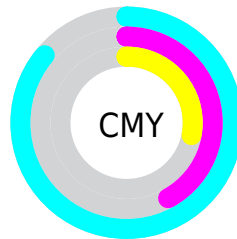
- Red (14%)
- Green (58%)
- Blue (72%)



- Red (14%)
- Yellow (39%)
- Blue (72%)



- Cyan (81%)
- Magenta (19%)
- Yellow (0%)
- Black (28%)



- Cyan (86%)
- Magenta (42%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2395B8 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 2395B8 by changing the saturation by 10% instead.

■ 2395B8

■ 2395B8

FFFFFF

■ 007B9D

■ 6ACBF0

■ 006283

■ 88E7FF

■ 004A6A

■ A6FFFF

■ 003351

■ C4FFFF

■ 001F3A

■ E2FFFF

■ 000224

■ 00000C

■ 000000

■ 2395B8

■ 2395B8

■ 1191B8

■ 3599B8

■ 008DB8

■ 489EB8

■ 5AA2B8

■ 6DA6B8

■ 7FABB8

■ 91AFB8

■ A4B3B8

■ B6B8B8

■ C9BCB8

Harmonies

Analogous

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



0C99A1



2395B8



598EC2

Triad

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



2395B8



BD748F



838F55

Complementary

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



2395B8



B84623

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.



A08751



2395B8



C17573

Square

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



2395B8



AA7AAA



B67D5C



629669

Rectangle

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



2395B8



7987C0



B67D5C



8E8D52

Sweetspot

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



2395B8



B6E2F0



23B846



557078



F7F7F7



787878

Same Dimension

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



2395B8



07B9F0



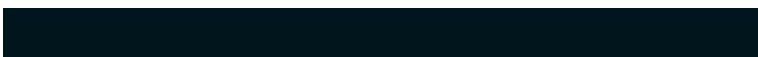
234BB8



535A5C



00779C



00151C

Inverse Universe

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



B82395



F007B9



B89023



5C535A



9C0077



1C0015

Previews

White Background



This preview shows how the Hex color 2395B8 looks on a white background.

Color Contrast Check

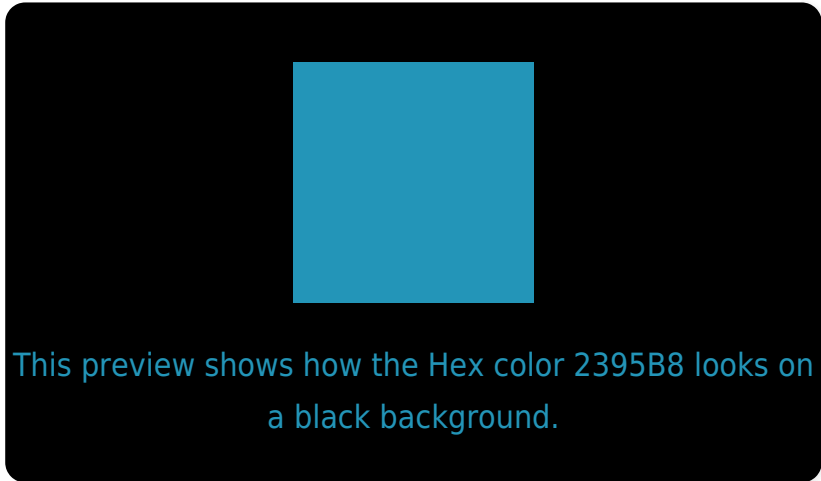
Large Text (above 18pt) WCAG AA ✓ Pass

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

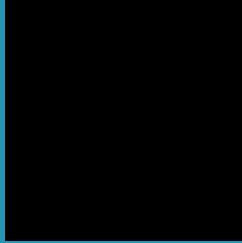
Any Text WCAG AA ✓ Pass

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 2395B8 Background



This preview shows how black text looks on a background with the Hex color 2395B8.



This preview shows how white text looks on a background with the Hex color 2395B8.

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](#).

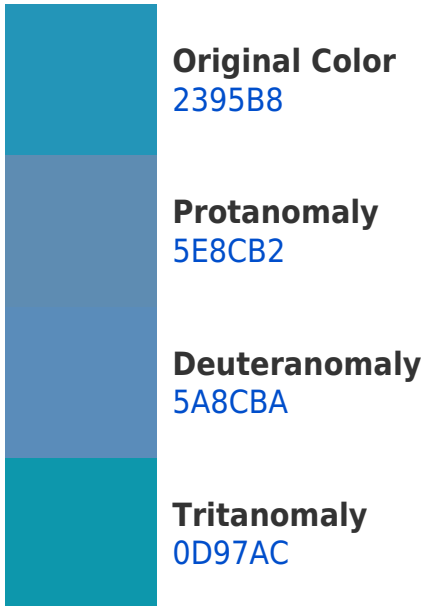
Dichromacy



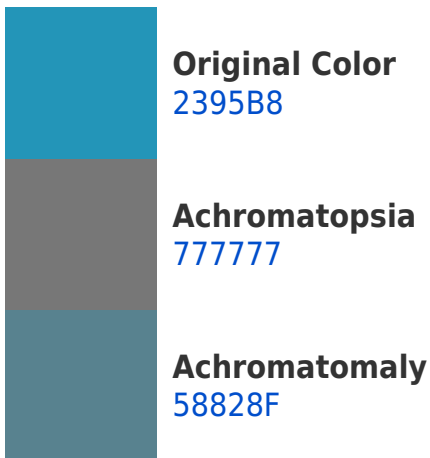


Tritanopia
0098A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2395B8 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 #2395B8 looks like.

```
.text, #text, p{  
    color:#2395B8  
}
```

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 #2395B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2395B8  
}
```

Border

The CSS property to change the border of an element to Hex 2395B8 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  
#2395B8 }
```

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

```
.border{ border-color:#2395B8 }
```

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

Here you see how a box with a 4 pixel #2395B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2395B8; -webkit-box-shadow:4px 4px  
4px 4px #2395B8; box-shadow:4px 4px 4px  
4px #2395B8 }
```

Background

The CSS property to change the background color of an element to Hex 2395B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2395B8 }
```

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

```
.background{ background-color:#2395B8 }
```

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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