

Converting Colors

Hex(2396C7)

Have a look what the booklet for
Hex(2396C7) contains.

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Color

Hex(2396C7)

Conversions

Conversions Part 1

Format	Color
Hex	2396C7
RGB	35, 150, 199
RGB Percent	14%, 59%, 78%
CMY	0.8627, 0.4118, 0.2196
CMYK	0.82, 0.25, 0.00, 0.22
HSL	198°, 70%, 46%
HSV	198°, 82%, 78%
XYZ	21.9083, 26.2935, 57.9533
YIQ	121.2010, -84.2690, -9.1410

Conversions

Conversions Part 2

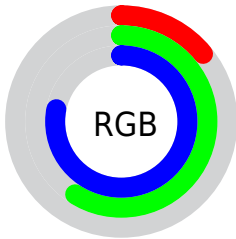
Format	Color
R _Y B	35, 103, 199
Decimal	2332359
CIE Lab	58.31, -13.75, -33.95
CIE LCh	58, 36.634, 247.948
Yxy	26.2935, 0.2064, 0.2477
Android (android.graphics.Color)	4280522439 (0xFF2396C7)
YUV	121.2010, 38.3549, -75.5983
Hunter-Lab	51.2772, -13.4707, -31.1152

Details

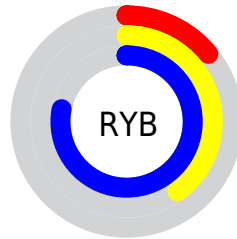
The Hex color `2396C7` is a dark color, and the websafe version is hex `3399CC`. The color can be described as dark muted azure. A complement of this color would be `C75423`, and the grayscale version is `797979`.

A 20% lighter version of the original color is `6DCCFF`, and `006391` is the 20% darker color. If you saturate the color by 10%, you get `0F90C7`, and if you desaturate by 10%, it is `379CC7`.

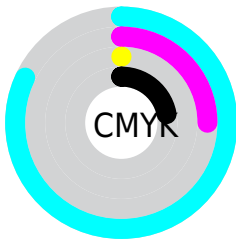
Distribution



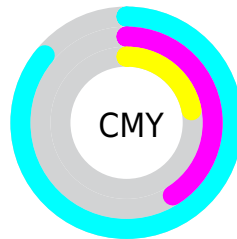
- Red (14%)
- Green (59%)
- Blue (78%)



- Red (14%)
- Yellow (40%)
- Blue (78%)



- Cyan (82%)
- Magenta (25%)
- Yellow (0%)
- Black (22%)



- Cyan (86%)
- Magenta (41%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2396C7 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 2396C7 by changing the saturation by 10% instead.

 2396C7

 2396C7

FFFFFF

 007CAC

 6DCCFF

 006391

 8BE8FF

 004B77

 AAFFFF

 00355E

 C8FFFF

 002046

 E6FFFF

 000430

 00011A

 000000

 2396C7

 2396C7

0F90C7

379CC7

008CC7

4BA2C7

5FA8C7

73AEC7

87B4C7

9ABAC7

AEC0C7

C2C6C7

D6CCC7

Harmonies

Analogous

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



009CB3



2396C7



6A8DCB

Triad

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



2396C7



C97285



769658

Complementary

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



2396C7



C75423

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.



988D4B



2396C7



C67766

Square

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



2396C7



BB76A5



B48251



4C9B73

Rectangle

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



2396C7



8C85C5



B48251



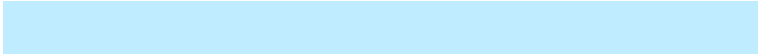
829352

Sweetspot

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



2396C7



BFECFF



23C751



597480



000000



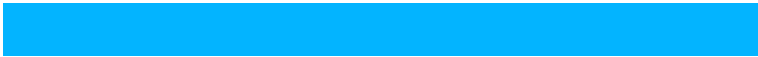
808080

Same Dimension

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



2396C7



03B4FF



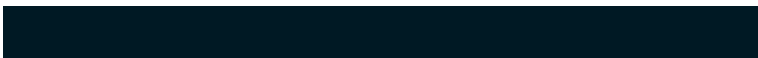
2347C7



5A6063



0072A3



001924

Inverse Universe

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



C72396



FF03B4



C7A323



635A60



A30072



240019

Previews

White Background



This preview shows how the Hex color 2396C7 looks on a white background.

Color Contrast Check

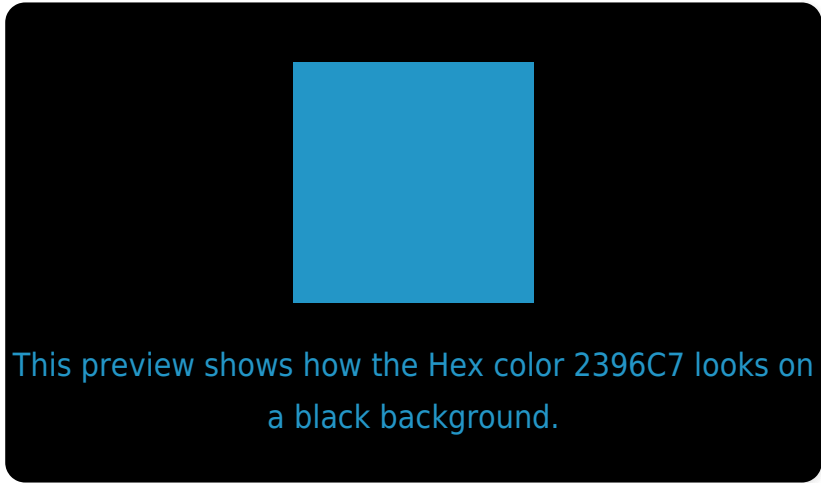
Large Text (above 18pt) WCAG AA ✓ Pass

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

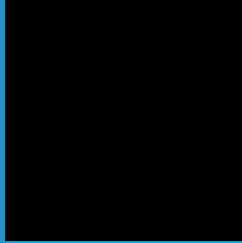
Any Text WCAG AA ✓ Pass

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 2396C7 Background



This preview shows how black text looks on a background with the Hex color 2396C7.

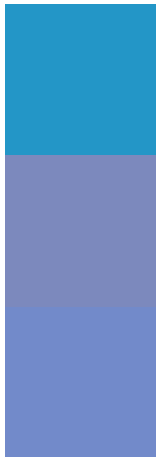


This preview shows how white text looks on a background with the Hex color 2396C7.

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](#).

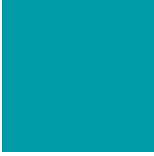
Dichromacy



Original Color
2396C7

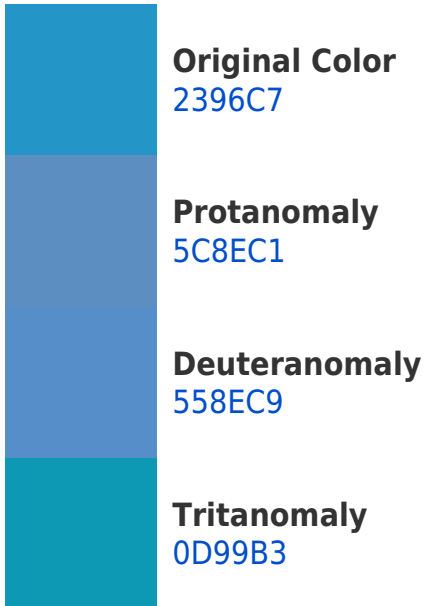
Protanopia
7C89BD

Deuteranopia
728ACA

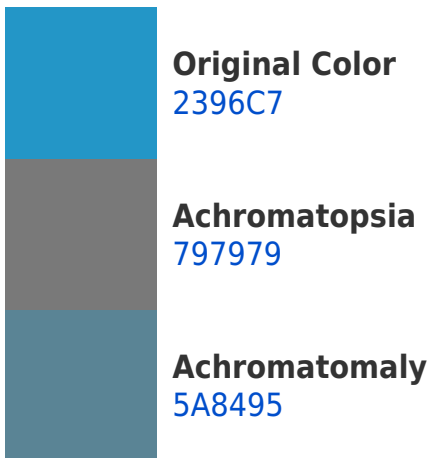


Tritanopia
009BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2396C7 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 #2396C7 looks like.

```
.text, #text, p{  
    color:#2396C7  
}
```

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 #2396C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2396C7
}
```

Border

The CSS property to change the border of an element to Hex 2396C7 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
#2396C7 }
```

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

```
.border{ border-color:#2396C7 }
```

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

Here you see how a box with a 4 pixel #2396C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2396C7; -webkit-box-shadow:4px 4px  
4px 4px #2396C7; box-shadow:4px 4px 4px  
4px #2396C7 }
```

Background

The CSS property to change the background color of an element to Hex 2396C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2396C7 }
```

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

```
.background{ background-color:#2396C7 }
```

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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