

Converting Colors

Hex(3397D9)

Have a look what the booklet for
Hex(3397D9) contains.

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Color

Hex(3397D9)

Conversions

Conversions Part 1

Format	Color
Hex	3397D9
RGB	51, 151, 217
RGB Percent	20%, 59%, 85%
CMY	0.8000, 0.4078, 0.1490
CMYK	0.76, 0.30, 0.00, 0.15
HSL	204°, 69%, 53%
HSV	204°, 76%, 85%
XYZ	24.9562, 27.8468, 69.7053
YIQ	128.6240, -80.7860, -0.6740

Conversions

Conversions Part 2

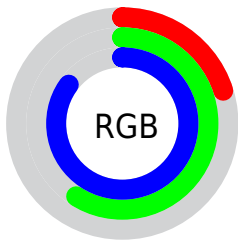
Format	Color
R_{YB}	51, 113, 217
Decimal	3381209
CIE _{Lab}	59.75, -6.34, -41.77
CIE _{LCh}	60, 42.246, 261.373
Yxy	27.8468, 0.2037, 0.2273
Android (android.graphics.Color)	4281571289 (0xFF3397D9)
YUV	128.6240, 43.5694, -68.0762
Hunter-Lab	52.7700, -7.9306, -41.3786

Details

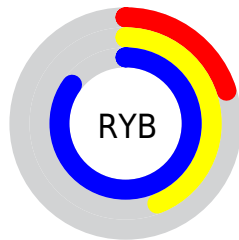
The Hex color **3397D9** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **D97533**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **78CDFF**, and **0064A2** is the 20% darker color. If you saturate the color by 10%, you get **1D8ED9**, and if you desaturate by 10%, it is **49A0D9**.

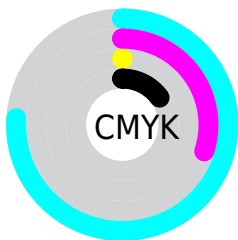
Distribution



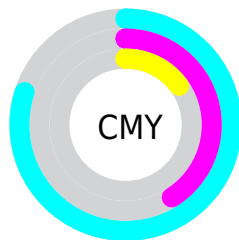
- Red (20%)
- Green (59%)
- Blue (85%)



- Red (20%)
- Yellow (44%)
- Blue (85%)



- Cyan (76%)
- Magenta (30%)
- Yellow (0%)
- Black (15%)



- Cyan (80%)
- Magenta (41%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3397D9 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 3397D9 by changing the saturation by 10% instead.

■ 3397D9

■ 3397D9

FFFFFF

■ 007DBD

■ 78CDFF

■ 0064A2

■ 97E9FF

■ 004D87

■ B5FFFF

■ 00366E

■ D4FFFF

■ 002255

■ F2FFFF

■ 00063D

■ 000327

■ 000110

■ 000000

■ 3397D9

■ 3397D9

■ 1D8ED9

■ 49A0D9

■ 0886D9

■ 5EA8D9

■ 0083D9

■ 74B1D9

■ 8ABAD9

■ A0C2D9

■ B5CBD9

■ CBD3D9

■ E1DCD9

■ F6E5D9

Harmonies

Analogous

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



009FC9



3397D9



828AD5

Triad

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



3397D9



D67377



609E60

Complementary

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



3397D9



D97533

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.



8C9648



3397D9



CA7D57

Square

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



3397D9



D0729C



B08A45



1AA284

Rectangle

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



3397D9



A681C8



B08A45



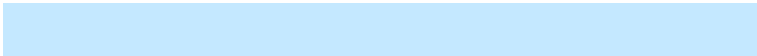
709C56

Sweetspot

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



3397D9



C4E8FF



33D973



5C7180



000000



808080

Same Dimension

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



3397D9



14A2FF



3346D9



63696E



0068AD



001C2E

Inverse Universe

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



D93397



FF14A2



D9C633



6E6369



AD0068



2E001C

Previews

White Background



This preview shows how the Hex color 3397D9 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



This preview shows how the Hex color 3397D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

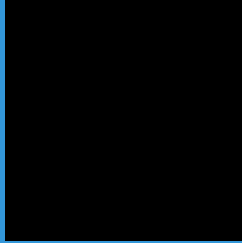
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

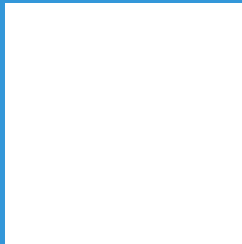
Any Text WCAG AAA × Fail

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

Hex 3397D9 Background



This preview shows how black text looks on a background with the Hex color 3397D9.

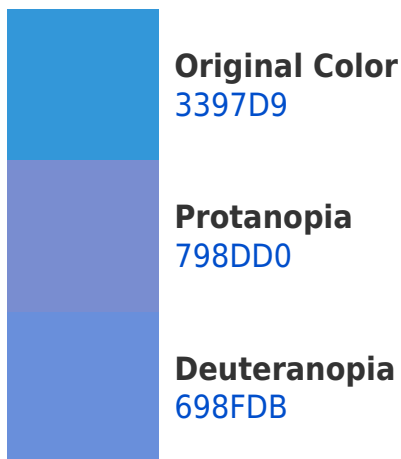


This preview shows how white text looks on a background with the Hex color 3397D9.

Color Blindness Simulation

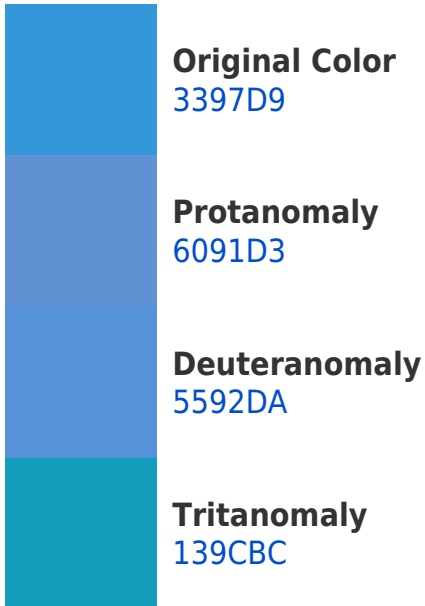
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

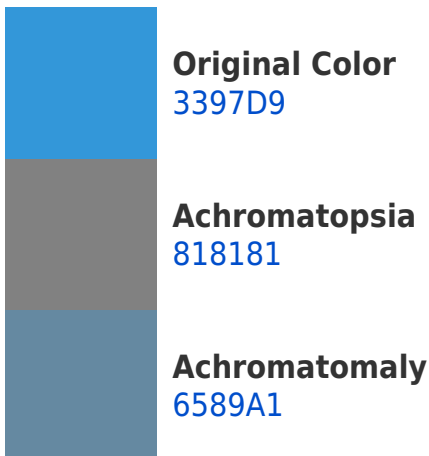




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3397D9 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 #3397D9 looks like.

```
.text, #text, p{  
    color:#3397D9  
}
```

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 #3397D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3397D9
}
```

Border

The CSS property to change the border of an element to Hex 3397D9 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
#3397D9 }
```

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

```
.border{ border-color:#3397D9 }
```

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

Here you see how a box with a 4 pixel #3397D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3397D9; -webkit-box-shadow:4px 4px  
4px 4px #3397D9; box-shadow:4px 4px 4px  
4px #3397D9 }
```

Background

The CSS property to change the background color of an element to Hex 3397D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3397D9 }
```

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

```
.background{ background-color:#3397D9 }
```

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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