

Converting Colors

Hex(37B9E6)

Have a look what the booklet for
Hex(37B9E6) contains.

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Color

Hex(37B9E6)

Conversions

Conversions Part 1

Format	Color
Hex	37B9E6
RGB	55, 185, 230
RGB Percent	22%, 73%, 90%
CMY	0.7843, 0.2745, 0.0980
CMYK	0.76, 0.20, 0.00, 0.10
HSL	195°, 78%, 56%
HSV	195°, 76%, 90%
XYZ	33.2074, 41.2233, 81.0696
YIQ	151.2600, -91.9250, -13.5650

Conversions

Conversions Part 2

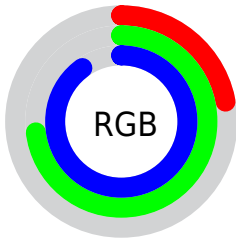
Format	Color
RYB	55, 130, 230
Decimal	3652070
CIELab	70.33, -19.96, -32.42
CIElCh	70, 38.077, 238.377
Yxy	41.2233, 0.2136, 0.2651
Android (android.graphics.Color)	4281842150 (0xFF37B9E6)
YUV	151.2600, 38.8188, -84.4200
Hunter-Lab	64.2054, -20.0381, -29.9194

Details

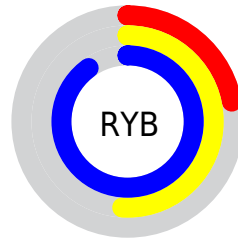
The Hex color **37B9E6** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **E66437**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **7EF1FF**, and **0084AE** is the 20% darker color. If you saturate the color by 10%, you get **20B3E6**, and if you desaturate by 10%, it is **4EBFE6**.

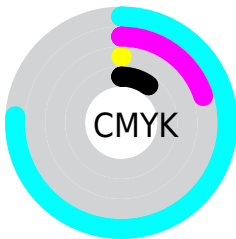
Distribution



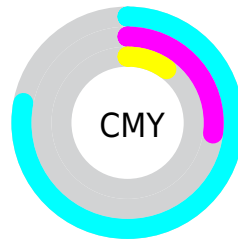
- Red (22%)
- Green (73%)
- Blue (90%)



- Red (22%)
- Yellow (51%)
- Blue (90%)



- Cyan (76%)
- Magenta (20%)
- Yellow (0%)
- Black (10%)



- Cyan (78%)
- Magenta (27%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37B9E6 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 37B9E6 by changing the saturation by 10% instead.

 37B9E6

 37B9E6

FFFFFF

 009ECA

 7EF1FF

 0084AE

 9EFFFF

 006A94

 BDFFFF

 00527A

 DCFFFF

 003B61

 FBFFFF

 002549

 000632

 00021C

 000000

■ 37B9E6

■ 37B9E6

■ 20B3E6

■ 4EBFE6

■ 09ADE6

■ 65C5E6

■ 00ABE6

■ 7CCBE6

■ 93D1E6

■ AAD7E6

■ C1DCE6

■ D8E2E6

■ EFE8E6

■ FFEEE6

Harmonies

Analogous

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



15BECC



37B9E6



76B0F1

Triad

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



37B9E6



EC91AF



A1B46E

Complementary

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



37B9E6



E66437

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.



C4A966



37B9E6



EF948D

Square

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



37B9E6



D698D1



E09D72



78BB87

Rectangle

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



37B9E6



9CA8ED



E09D72



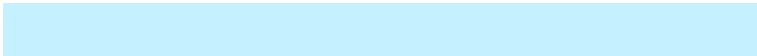
ADB169

Sweetspot

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



37B9E6



C4FOFF



37E663



5C7680



000000



808080

Same Dimension

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



37B9E6



17C3FF



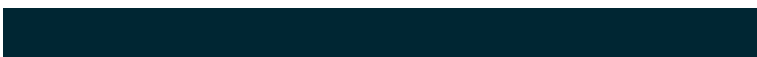
3763E6



677073



0085B3



002633

Inverse Universe

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



E637B9



FF17C3



E6BA37



736770



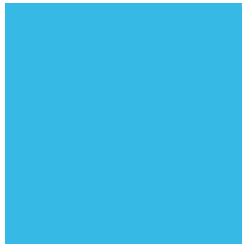
B30085



330026

Previews

White Background



This preview shows how the Hex color 37B9E6 looks on a white background.

Color Contrast Check

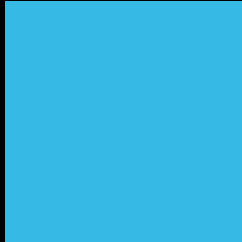
Large Text (above 18pt) WCAG AA × Fail

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 37B9E6 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 ✓ Pass

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

Hex 37B9E6 Background



This preview shows how black text looks on a background with the Hex color 37B9E6.

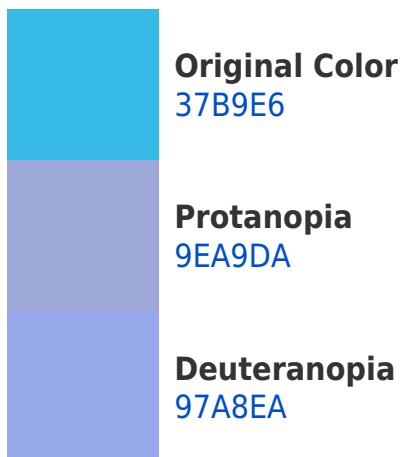


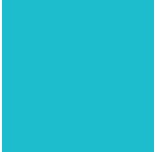
This preview shows how white text looks on a background with the Hex color 37B9E6.

Color Blindness Simulation

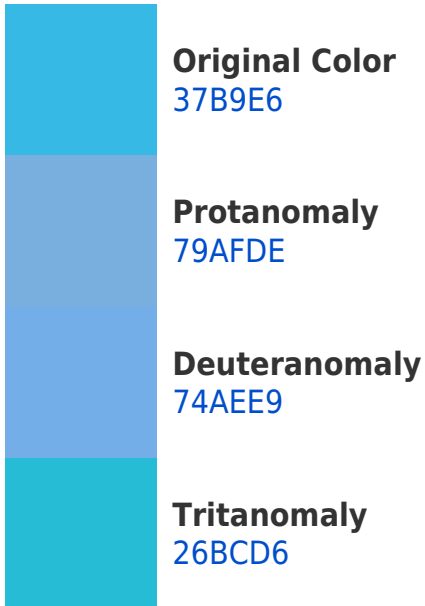
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 37B9E6 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 #37B9E6 looks like.

```
.text, #text, p{  
    color:#37B9E6  
}
```

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 #37B9E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37B9E6
}
```

Border

The CSS property to change the border of an element to Hex 37B9E6 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
#37B9E6 }
```

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

```
.border{ border-color:#37B9E6 }
```

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

Here you see how a box with a 4 pixel #37B9E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37B9E6; -webkit-box-shadow:4px 4px  
4px 4px #37B9E6; box-shadow:4px 4px 4px  
4px #37B9E6 }
```

Background

The CSS property to change the background color of an element to Hex 37B9E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37B9E6 }
```

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

```
.background{ background-color:#37B9E6 }
```

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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