

Converting Colors

Hex(3987B8)

Have a look what the booklet for
Hex(3987B8) contains.

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Color

Hex(3987B8)

Conversions

Conversions Part 1

Format	Color
Hex	3987B8
RGB	57, 135, 184
RGB Percent	22%, 53%, 72%
CMY	0.7765, 0.4706, 0.2784
CMYK	0.69, 0.27, 0.00, 0.28
HSL	203°, 53%, 47%
HSV	203°, 69%, 72%
XYZ	19.0030, 21.6585, 48.5263
YIQ	117.2640, -62.2170, -1.2970

Conversions

Conversions Part 2

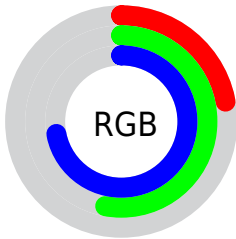
Format	Color
R_{YB}	57, 105, 184
Decimal	3770296
CIE _{Lab}	53.66, -7.90, -32.66
CIE _{LCh}	54, 33.603, 256.400
Yxy	21.6585, 0.2131, 0.2428
Android (android.graphics.Color)	4281960376 (0xFF3987B8)
YUV	117.2640, 32.9008, -52.8515
Hunter-Lab	46.5387, -8.5562, -29.2452

Details

The Hex color **3987B8** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B86A39**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **76BCF0**, and **005683** is the 20% darker color. If you saturate the color by 10%, you get **2780B8**, and if you desaturate by 10%, it is **4B8EB8**.

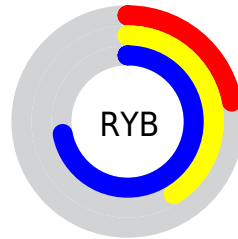
Distribution



Red (22%)

Green (53%)

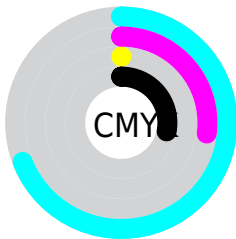
Blue (72%)



Red (22%)

Yellow (41%)

Blue (72%)

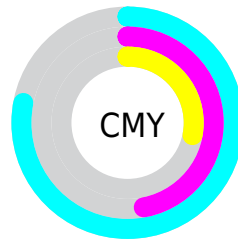


Cyan (69%)

Magenta (27%)

Yellow (0%)

Black (28%)



Cyan (78%)

Magenta (47%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3987B8 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 3987B8 by changing the saturation by 10% instead.

■ 3987B8

■ 3987B8

FFFFFF

■ 0C6E9D

■ 76BCF0

■ 005683

■ 93D8FF

■ 003E69

■ B0F4FF

■ 002951

■ CEFFFF

■ 00153A

■ EBFFFF

■ 000224

■ 00000B

■ 000000

■ 3987B8

■ 3987B8

■ 2780B8

■ 4B8EB8

■ 1479B8

■ 5E95B8

■ 0272B8

■ 709CB8

■ 0071B8

■ 83A3B8

■ 95AAB8

■ A7B2B8

■ BAB9B8

■ CCC0B8

■ DFC7B8

Harmonies

Analogous

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



008DA9



3987B8



6F7EB8

Triad

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



3987B8



B86A71



628B57

Complementary

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



3987B8



B86A39

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.



838447



3987B8



B17058

Square

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



3987B8



B06B8F



9E7A48



3B8F72

Rectangle

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



3987B8



8B76AF



9E7A48



6E8950

Sweetspot

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



3987B8



BDDCF0



39B86A



5A6C78



F7F7F7



787878

Same Dimension

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



3987B8



29A3F0



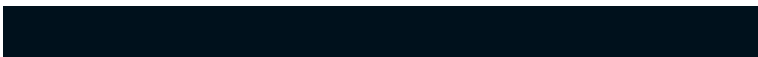
3948B8



53585C



00609C



00111C

Inverse Universe

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



B83987



F029A3



B8A939



5C5358



9C0060



1C0011

Previews

White Background



This preview shows how the Hex color 3987B8 looks on a white background.

Color Contrast Check

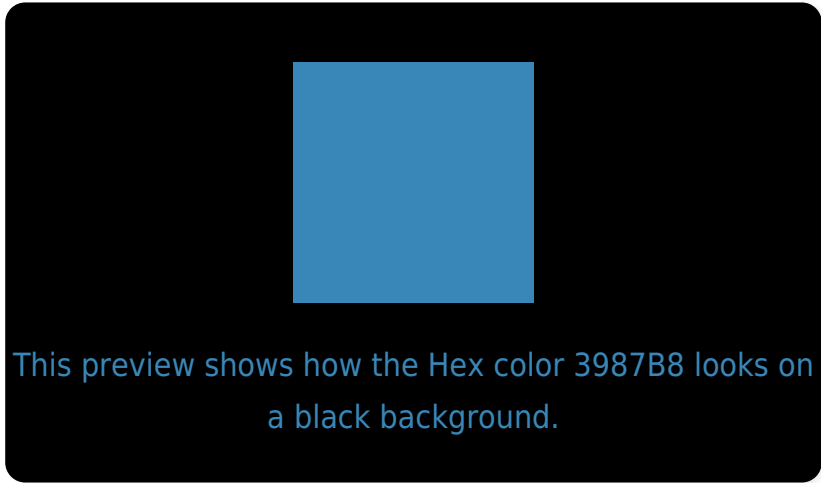
Large Text (above 18pt) WCAG AA ✓ Pass

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

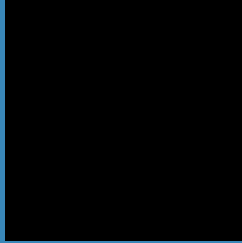
Any Text WCAG AA ✓ Pass

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 3987B8 Background



This preview shows how black text looks on a background with the Hex color 3987B8.

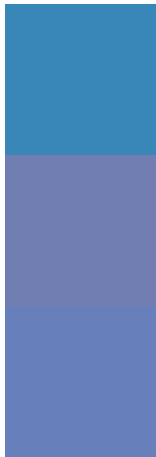


This preview shows how white text looks on a background with the Hex color 3987B8.

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
3987B8

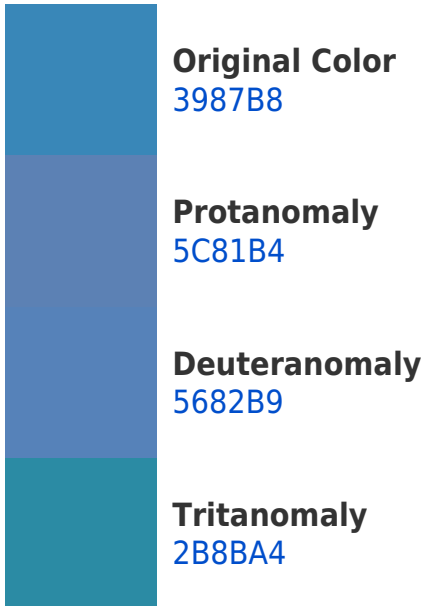
Protanopia
707EB1

Deuteranopia
677FBA

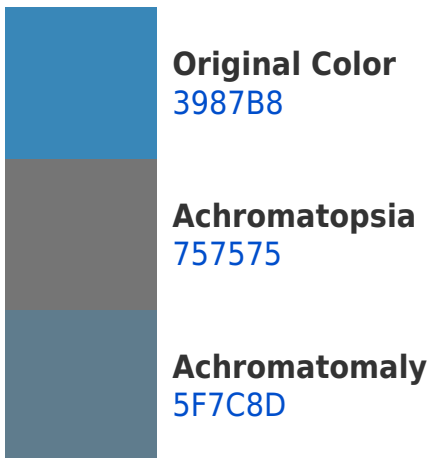


Tritanopia
238D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3987B8 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 #3987B8 looks like.

```
.text, #text, p{  
    color:#3987B8  
}
```

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 #3987B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3987B8
}
```

Border

The CSS property to change the border of an element to Hex 3987B8 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
#3987B8 }
```

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

```
.border{ border-color:#3987B8 }
```

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

Here you see how a box with a 4 pixel #3987B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3987B8; -webkit-box-shadow:4px 4px  
4px 4px #3987B8; box-shadow:4px 4px 4px  
4px #3987B8 }
```

Background

The CSS property to change the background color of an element to Hex 3987B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3987B8 }
```

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

```
.background{ background-color:#3987B8 }
```

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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