

Converting Colors

Hex(3986CC)

Have a look what the booklet for
Hex(3986CC) contains.

Hex(3986CC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3986CC)

Conversions

Conversions Part 1

Format	Color
Hex	3986CC
RGB	57, 134, 204
RGB Percent	22%, 53%, 80%
CMY	0.7765, 0.4745, 0.2000
CMYK	0.72, 0.34, 0.00, 0.20
HSL	209°, 59%, 51%
HSV	209°, 72%, 80%
XYZ	21.1115, 22.2797, 60.3145
YIQ	118.9570, -68.3620, 5.4460

Conversions

Conversions Part 2

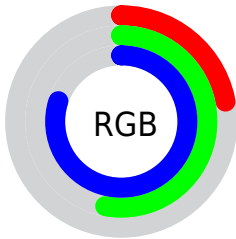
Format	Color
R_{YB}	57, 108, 204
Decimal	3770060
CIE _{Lab}	54.32, -0.31, -43.01
CIE _{LCh}	54, 43.010, 269.589
Yxy	22.2797, 0.2036, 0.2148
Android (android.graphics.Color)	4281960140 (0xFF3986CC)
YUV	118.9570, 41.9262, -54.3363
Hunter-Lab	47.2014, -2.7656, -42.7205

Details

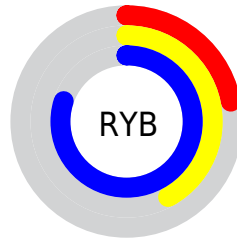
The Hex color **3986CC** is a dark color, and the websafe version is hex **6699CC**. The color can be described as dark muted azure. A complement of this color would be **CC7F39**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **79BBFF**, and **005595** is the 20% darker color. If you saturate the color by 10%, you get **257CCC**, and if you desaturate by 10%, it is **4D90CC**.

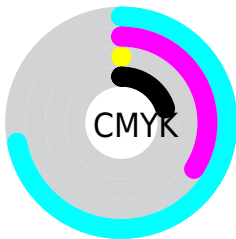
Distribution



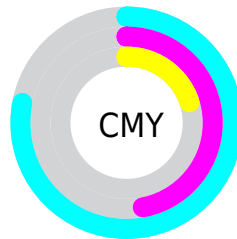
- Red (22%)
- Green (53%)
- Blue (80%)



- Red (22%)
- Yellow (42%)
- Blue (80%)



- Cyan (72%)
- Magenta (34%)
- Yellow (0%)
- Black (20%)



- Cyan (78%)
- Magenta (47%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3986CC 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 3986CC by changing the saturation by 10% instead.

 3986CC

 3986CC

FFFFFF

 006DB0

 79BBFF

 005595

 97D6FF

 003E7B

 B5F3FF

 002962

 D3FFFF

 00154A

 F1FFFF

 000432

 00021C

 000000

 3986CC

 3986CC

■ 257CCC

■ 4D90CC

■ 1073CC

■ 6299CC

■ 006BCC

■ 76A3CC

■ 8BADCC

■ 9FB7CC

■ B3C0CC

■ C8CACC

■ DCD4CC

■ F1DDCC

Harmonies

Analogous

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



008FC1



3986CC



8378C3

Triad

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



3986CC



C6665F



42915B

Complementary

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



3986CC



CC7F39

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.



728B3E



3986CC



B57242

Square

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



3986CC



C56284



988035



009480

Rectangle

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



3986CC



A36FB2



988035



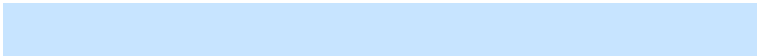
549050

Sweetspot

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



3986CC



C7E4FF



39CC7E



5E7080



000000



808080

Same Dimension

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



3986CC



2497FF



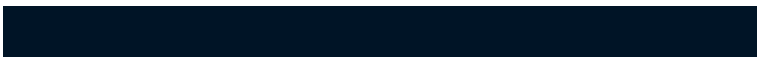
393ECC



5C6166



0057A6



001426

Inverse Universe

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



CC3986



FF2497



CCC739



665C61



A60057



260014

Previews

White Background



This preview shows how the Hex color 3986CC looks on a white background.

Color Contrast Check

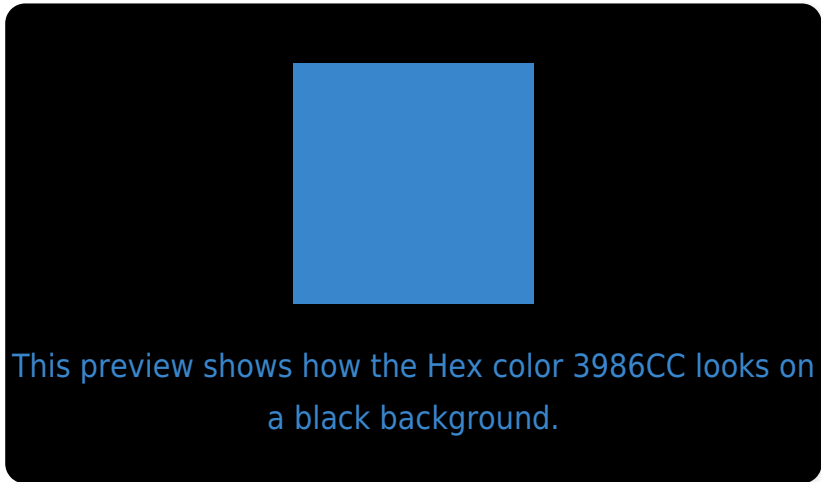
Large Text (above 18pt) WCAG AA ✓ Pass

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

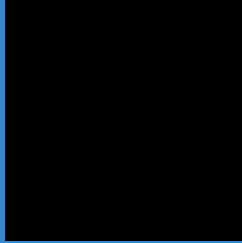
Any Text WCAG AA ✓ Pass

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 3986CC Background



This preview shows how black text looks on a background with the Hex color 3986CC.

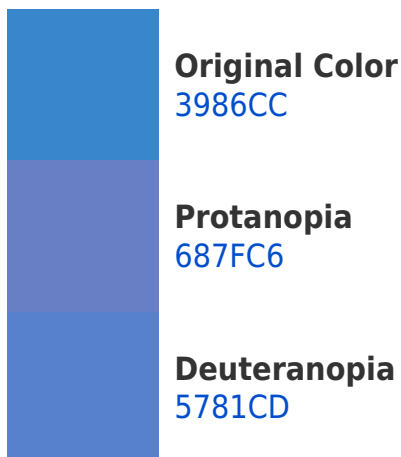


This preview shows how white text looks on a background with the Hex color 3986CC.

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](#).

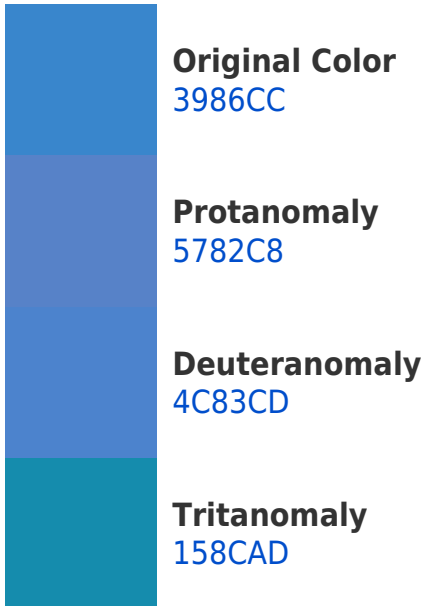
Dichromacy



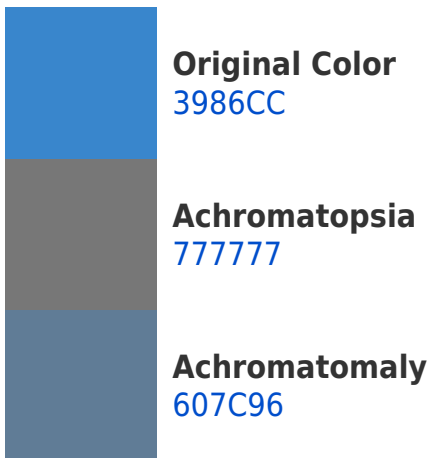


Tritanopia
00909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3986CC 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 #3986CC looks like.

```
.text, #text, p{  
    color:#3986CC  
}
```

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 #3986CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3986CC  
}
```

Border

The CSS property to change the border of an element to Hex 3986CC 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  
#3986CC }
```

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

```
.border{ border-color:#3986CC }
```

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

Here you see how a box with a 4 pixel #3986CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3986CC; -webkit-box-shadow:4px 4px  
4px 4px #3986CC; box-shadow:4px 4px 4px  
4px #3986CC }
```

Background

The CSS property to change the background color of an element to Hex 3986CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3986CC }
```

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

```
.background{ background-color:#3986CC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor