

# Converting Colors

Hex(3C86BE)

Have a look what the booklet for  
Hex(3C86BE) contains.

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# Color

**Hex(3C86BE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3C86BE
RGB	60, 134, 190
RGB Percent	24%, 53%, 75%
CMY	0.7647, 0.4745, 0.2549
CMYK	0.68, 0.29, 0.00, 0.25
HSL	206°, 52%, 49%
HSV	206°, 68%, 75%
XYZ	19.6828, 21.7286, 51.8718
YIQ	118.2580, -62.0800, 1.7280

# Conversions

## Conversions Part 2

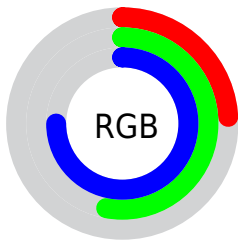
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	60, 107, 190
Decimal	3966654
CIE Lab	53.74, -4.78, -35.96
CIE LCh	54, 36.281, 262.430
Yxy	21.7286, 0.2110, 0.2329
Android (android.graphics.Color)	4282156734 (0xFF3C86BE)
YUV	118.2580, 35.3688, -51.0923
Hunter-Lab	46.6139, -6.2022, -33.3480

# Details

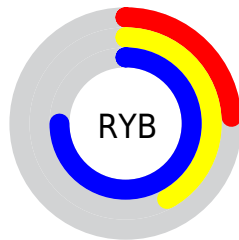
The Hex color **3C86BE** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BE743C**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **79BBF7**, and **005588** is the 20% darker color. If you saturate the color by 10%, you get **297EBE**, and if you desaturate by 10%, it is **4F8EBE**.

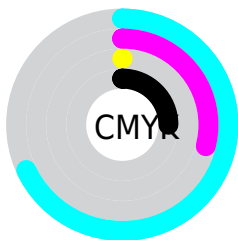
# Distribution



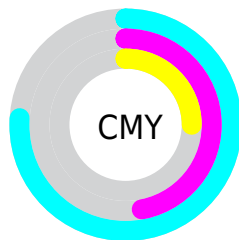
- Red (24%)
- Green (53%)
- Blue (75%)



- Red (24%)
- Yellow (42%)
- Blue (75%)



- Cyan (68%)
- Magenta (29%)
- Yellow (0%)
- Black (25%)



- Cyan (76%)
- Magenta (47%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C86BE 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 3C86BE by changing the saturation by 10% instead.



■ 3C86BE

■ 3C86BE

FFFFFF

■ 116DA3

■ 79BBF7

■ 005588

■ 96D7FF

■ 003E6F

■ B3F3FF

■ 002856

■ D1FFFF

■ 00143E

■ EFFFFFF

■ 000328

■ 000112

■ 000000

■ 3C86BE

■ 3C86BE

■ 297EBE

■ 4F8EBE

■ 1676BE

■ 6296BE

■ 036DBE

■ 759FBE

■ 006CBE

■ 88A7BE

■ 9BAFBE

■ AEB7BE

■ C1BFBE

■ D4C7BE

■ E7D0BE

# Harmonies

## Analogous

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



008DB1



3C86BE



777BBA

# Triad

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



3C86BE



BC686A



588D59

# Complementary

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



3C86BE



BE743C

# 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.



7C8645



3C86BE



B17150

# Square

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



3C86BE



B7688A



9B7C42



259077

# Rectangle

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



3C86BE



9473AF



9B7C42



658B51



# Sweetspot

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



3C86BE



C3E1F7



3CBE72



5E6F7D



FCFCFC



7D7D7D



# Same Dimension

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



3C86BE



2DA0F7



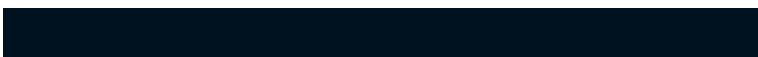
3C47BE



555A5E



005A9E



00111F



# Inverse Universe

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



BE3C86



F72DA0



BEB33C



5E555A



9E005A



1F0011



# Previews

## White Background



This preview shows how the Hex color 3C86BE looks on a white background.

## Color Contrast Check

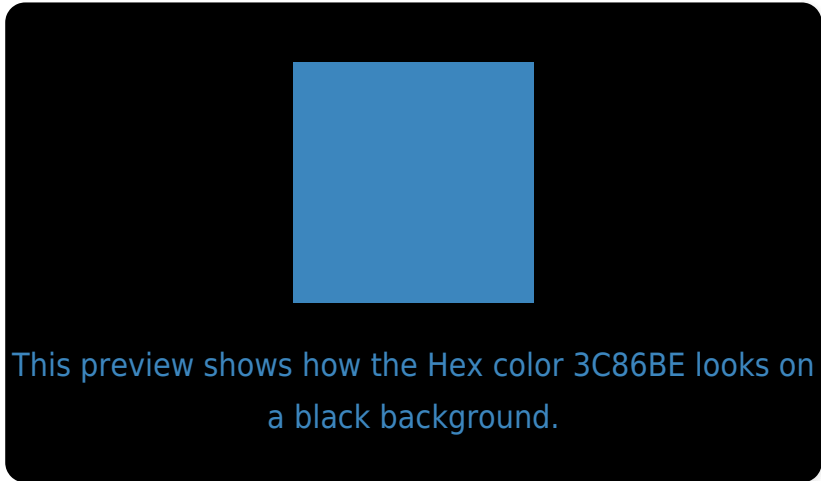
Large Text (above 18pt) WCAG AA ✓ Pass

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

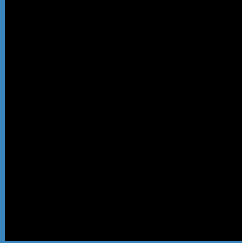
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3C86BE Background



This preview shows how black text looks on a background with the Hex color 3C86BE.

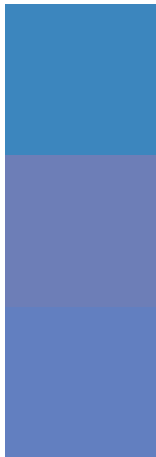


This preview shows how white text looks on a background with the Hex color 3C86BE.

# 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**  
3C86BE

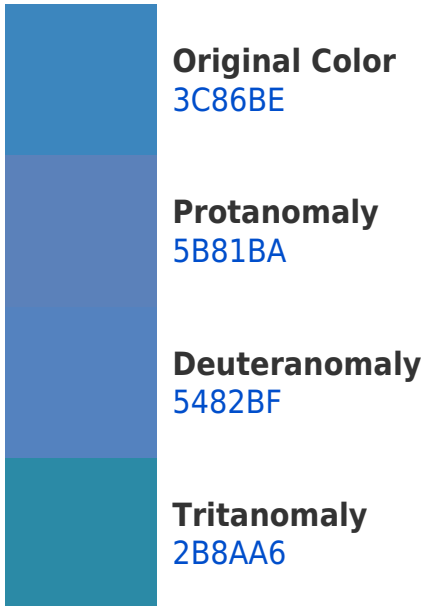
**Protanopia**  
6D7EB7

**Deuteranopia**  
627FC0

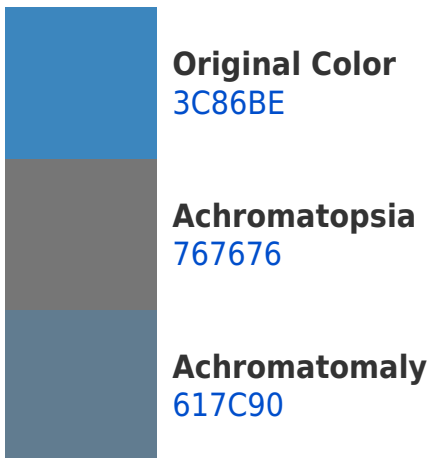


**Tritanopia**  
228D99

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C86BE 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 #3C86BE looks like.

```
.text, #text, p{  
    color:#3C86BE  
}
```

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 #3C86BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C86BE
}
```

## Border

The CSS property to change the border of an element to Hex 3C86BE 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
#3C86BE }
```

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

```
.border{ border-color:#3C86BE }
```

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

Here you see how a box with a 4 pixel #3C86BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C86BE; -webkit-box-shadow:4px 4px  
4px 4px #3C86BE; box-shadow:4px 4px 4px  
4px #3C86BE }
```

# Background

The CSS property to change the background color of an element to Hex 3C86BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C86BE }
```

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

```
.background{ background-color:#3C86BE }
```

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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