

Converting Colors

Hex(3680BE)

Have a look what the booklet for
Hex(3680BE) contains.

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Color

Hex(3680BE)

Conversions

Conversions Part 1

Format	Color
Hex	3680BE
RGB	54, 128, 190
RGB Percent	21%, 50%, 75%
CMY	0.7882, 0.4980, 0.2549
CMYK	0.72, 0.33, 0.00, 0.25
HSL	207°, 56%, 48%
HSV	207°, 72%, 75%
XYZ	18.5348, 19.9403, 51.5872
YIQ	112.9420, -64.0060, 3.5940

Conversions

Conversions Part 2

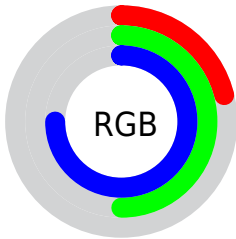
Format	Color
RYB	54, 102, 190
Decimal	3571902
CIELab	51.77, -2.16, -39.07
CIELCh	52, 39.132, 266.831
Yxy	19.9403, 0.2058, 0.2214
Android (android.graphics.Color)	4281761982 (0xFF3680BE)
YUV	112.9420, 37.9896, -51.6921
Hunter-Lab	44.6546, -4.0556, -37.2365

Details

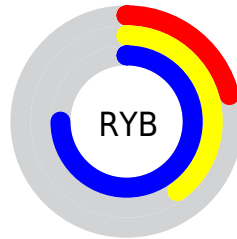
The Hex color **3680BE** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **BE7436**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **75B5F7**, and **004F88** is the 20% darker color. If you saturate the color by 10%, you get **2377BE**, and if you desaturate by 10%, it is **4989BE**.

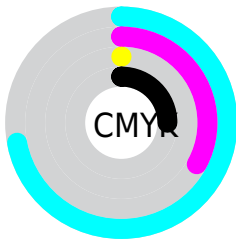
Distribution



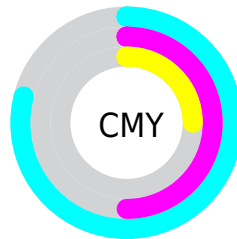
- Red (21%)
- Green (50%)
- Blue (75%)



- Red (21%)
- Yellow (40%)
- Blue (75%)



- Cyan (72%)
- Magenta (33%)
- Yellow (0%)
- Black (25%)



- Cyan (79%)
- Magenta (50%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3680BE 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 3680BE by changing the saturation by 10% instead.

■ 3680BE

■ 3680BE

FFFFFF

■ 0067A3

■ 75B5F7

■ 004F88

■ 92D0FF

■ 00396E

■ AFECFF

■ 002456

■ CDFFFF

■ 000E3E

■ EBFFFF

■ 000328

■ 000111

■ 000000

■ 3680BE

■ 3680BE

■ 2377BE

■ 4989BE

■ 106FBE

■ 5C91BE

■ 0067BE

■ 6F9ABE

■ 82A3BE

■ 95ABBE

■ A8B4BE

■ BBBDBE

■ CEC5BE

■ E1CEBE

Harmonies

Analogous

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



0088B3



3680BE



7874B7

Triad

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



3680BE



BA625F



488955

Complementary

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



3680BE



BE7436

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.



71823D



3680BE



AC6C44

Square

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



3680BE



B76080



927837



008C77

Rectangle

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



3680BE



966BAA



927837



57874C

Sweetspot

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



3680BE



C3E0F7



36BE73



5E6F7D



FCFCFC



7D7D7D

Same Dimension

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



3680BE



2396F7



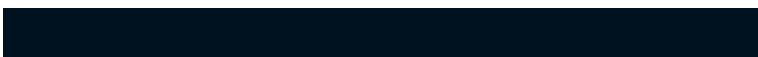
363DBE



555A5E



00569E



00111F

Inverse Universe

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



BE3680



F72396



BEB736



5E555A



9E0056



1F0011

Previews

White Background



This preview shows how the Hex color 3680BE looks on a white background.

Color Contrast Check

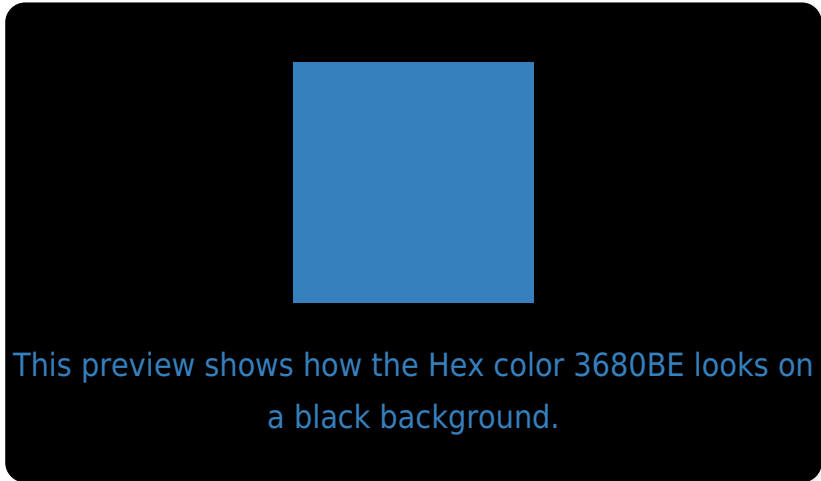
Large Text (above 18pt) WCAG AA ✓ Pass

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

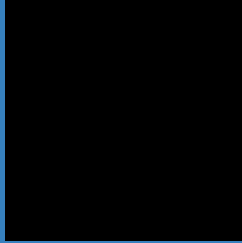
Any Text WCAG AA ✓ Pass

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 3680BE Background



This preview shows how black text looks on a background with the Hex color 3680BE.

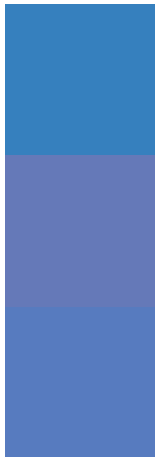


This preview shows how white text looks on a background with the Hex color 3680BE.

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](#).

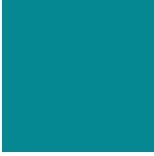
Dichromacy



Original Color
3680BE

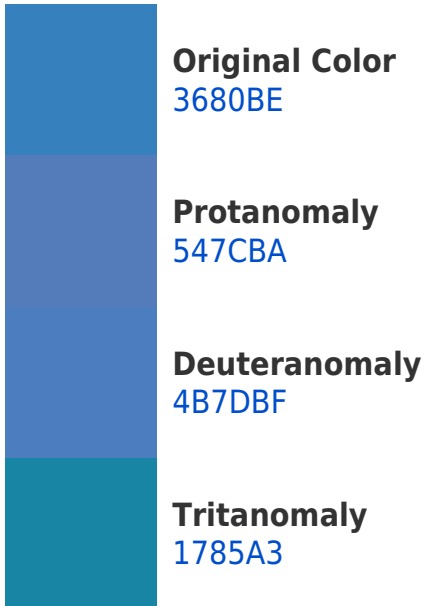
Protanopia
6579B8

Deuteranopia
577BBF

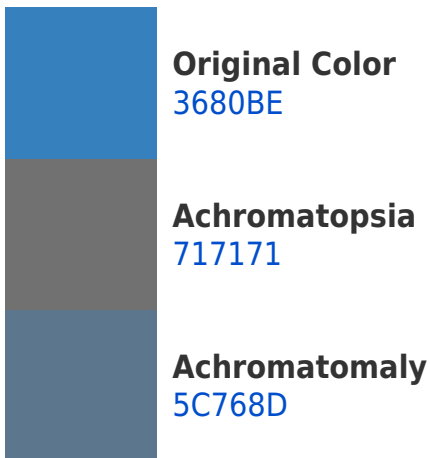


Tritanopia
068893

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3680BE 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 #3680BE looks like.

```
.text, #text, p{  
    color:#3680BE  
}
```

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 #3680BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3680BE
}
```

Border

The CSS property to change the border of an element to Hex 3680BE 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
#3680BE }
```

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

```
.border{ border-color:#3680BE }
```

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

Here you see how a box with a 4 pixel #3680BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3680BE; -webkit-box-shadow:4px 4px  
4px 4px #3680BE; box-shadow:4px 4px 4px  
4px #3680BE }
```

Background

The CSS property to change the background color of an element to Hex 3680BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3680BE }
```

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

```
.background{ background-color:#3680BE }
```

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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