

Converting Colors

Hex(3677B4)

Have a look what the booklet for
Hex(3677B4) contains.

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Color

Hex(3677B4)

Conversions

Conversions Part 1

Format	Color
Hex	3677B4
RGB	54, 119, 180
RGB Percent	21%, 47%, 71%
CMY	0.7882, 0.5333, 0.2941
CMYK	0.70, 0.34, 0.00, 0.29
HSL	209°, 54%, 46%
HSV	209°, 70%, 71%
XYZ	16.3564, 17.2732, 45.6520
YIQ	106.5190, -58.3210, 5.1910

Conversions

Conversions Part 2

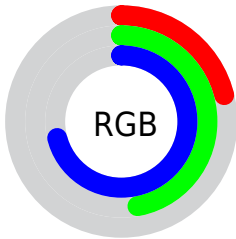
Format	Color
R_{YB}	54, 97, 180
Decimal	3569588
CIE _{Lab}	48.60, -0.35, -38.31
CIE _{LCh}	49, 38.309, 269.481
Yxy	17.2732, 0.2063, 0.2179
Android (android.graphics.Color)	4281759668 (0xFF3677B4)
YUV	106.5190, 36.2261, -46.0592
Hunter-Lab	41.5611, -2.4831, -36.0333

Details

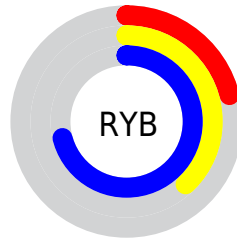
The Hex color **3677B4** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B47336**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **73ABEC**, and **00477F** is the 20% darker color. If you saturate the color by 10%, you get **246EB4**, and if you desaturate by 10%, it is **4880B4**.

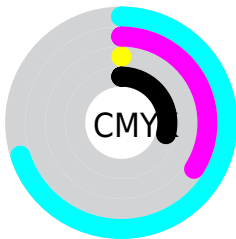
Distribution



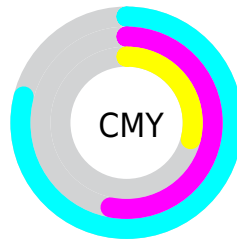
- Red (21%)
- Green (47%)
- Blue (71%)



- Red (21%)
- Yellow (38%)
- Blue (71%)



- Cyan (70%)
- Magenta (34%)
- Yellow (0%)
- Black (29%)



- Cyan (79%)
- Magenta (53%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3677B4 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 3677B4 by changing the saturation by 10% instead.

■ 3677B4

■ 3677B4

FFFFFF

■ 065E99

■ 73ABEC

■ 00477F

■ 90C6FF

■ 003165

■ ADE2FF

■ 001D4D

■ CAFFFF

■ 000536

■ E8FFFF

■ 000220

■ 000003

■ 000000

■ 3677B4

■ 3677B4

■ 246EB4

■ 4880B4

■ 1266B4

■ 5A88B4

■ 005DB4

■ 6C91B4

■ 7E9AB4

■ 90A3B4

■ A2ABB4

■ B4B4B4

■ C6BDB4

■ D8C5B4

Harmonies

Analogous

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



007FAB



3677B4



756BAC

Triad

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



3677B4



AF5B55



3D8151

Complementary

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



3677B4



B47336

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.



667B39



3677B4



A0663C

Square

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



3677B4



AE5875



877130



008472

Rectangle

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



3677B4



90639E



877130



4C7F48

Sweetspot

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



3677B4



B9D3EB



36B473



586775



F5F5F5



757575

Same Dimension

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



3677B4



268BEB



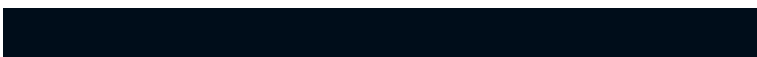
3638B4



505559



004F99



000D1A

Inverse Universe

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



B43677



EB268B



B4B236



595055



99004F



1A000D

Previews

White Background



This preview shows how the Hex color 3677B4 looks on a white background.

Color Contrast Check

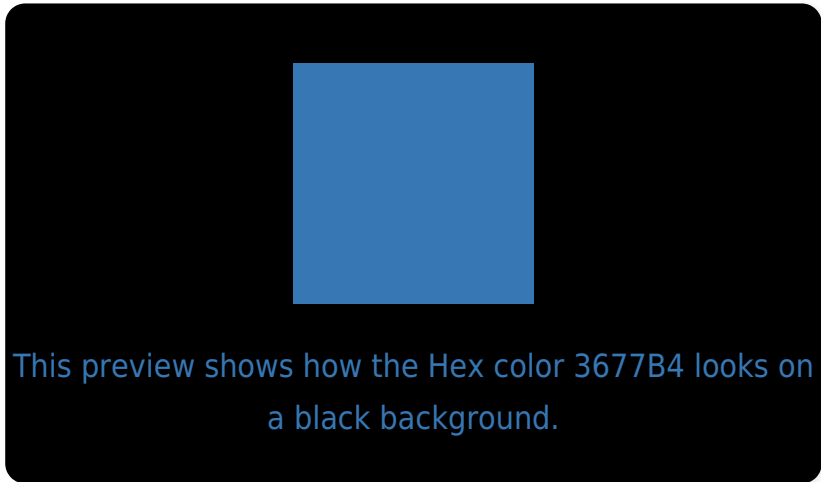
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 3677B4 Background



This preview shows how black text looks on a background with the Hex color 3677B4.

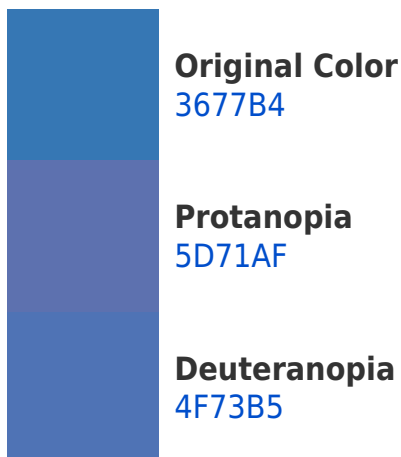


This preview shows how white text looks on a background with the Hex color 3677B4.

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](#).

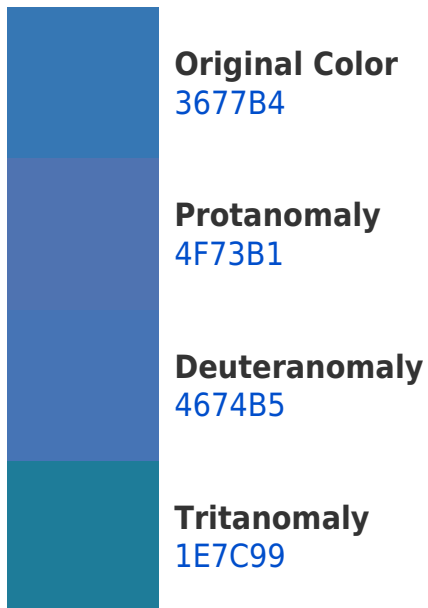
Dichromacy



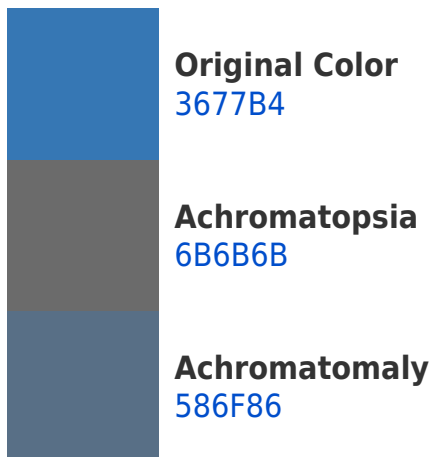


Tritanopia
117F8A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3677B4 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 #3677B4 looks like.

```
.text, #text, p{  
    color:#3677B4  
}
```

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 #3677B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3677B4
}
```

Border

The CSS property to change the border of an element to Hex 3677B4 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
#3677B4 }
```

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

```
.border{ border-color:#3677B4 }
```

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

Here you see how a box with a 4 pixel #3677B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3677B4; -webkit-box-shadow:4px 4px  
4px 4px #3677B4; box-shadow:4px 4px 4px  
4px #3677B4 }
```

Background

The CSS property to change the background color of an element to Hex 3677B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3677B4 }
```

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

```
.background{ background-color:#3677B4 }
```

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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