

# Converting Colors

Hex(3578AB)

Have a look what the booklet for  
Hex(3578AB) contains.

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# Color

**Hex(3578AB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3578AB
RGB	53, 120, 171
RGB Percent	21%, 47%, 67%
CMY	0.7922, 0.5294, 0.3294
CMYK	0.69, 0.30, 0.00, 0.33
HSL	206°, 53%, 44%
HSV	206°, 69%, 67%
XYZ	15.5354, 17.1301, 41.0157
YIQ	105.7810, -56.3030, 1.6570

# Conversions

## Conversions Part 2

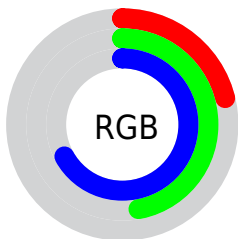
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 96, 171
Decimal	3504299
CIE <sub>Lab</sub>	48.42, -4.31, -33.37
CIE <sub>LCh</sub>	48, 33.644, 262.641
Yxy	17.1301, 0.2108, 0.2325
Android (android.graphics.Color)	4281694379 (0xFF3578AB)
YUV	105.7810, 32.1530, -46.2889
Hunter-Lab	41.3885, -5.4292, -29.7840

# Details

The Hex color **3578AB** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AB6835**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **71ACE3**, and **004876** is the 20% darker color. If you saturate the color by 10%, you get **2471AB**, and if you desaturate by 10%, it is **467FAB**.

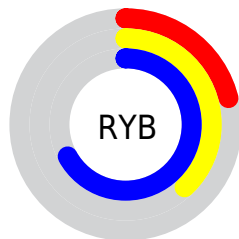
# Distribution



Red (21%)

Green (47%)

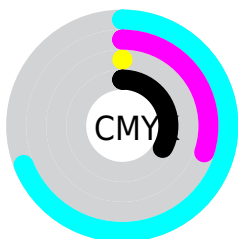
Blue (67%)



Red (21%)

Yellow (38%)

Blue (67%)

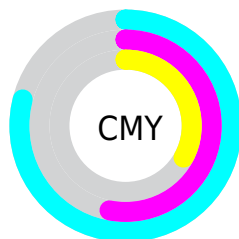


Cyan (69%)

Magenta (30%)

Yellow (0%)

Black (33%)



Cyan (79%)

Magenta (53%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3578AB 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 3578AB by changing the saturation by 10% instead.



■ 3578AB

■ 3578AB

FFFFFF

■ 085F90

■ 71ACE3

■ 004876

■ 8DC7FF

■ 00325D

■ AAE3FF

■ 001D46

■ C7FFFF

■ 00042F

■ E4FFFF

■ 000119

■ 000000

■ 3578AB

■ 3578AB

■ 2471AB

■ 467FAB

■ 1369AB

■ 5787AB

■ 0262AB

■ 688EAB

■ 0061AB

■ 7996AB

■ 8A9DAB

■ 9CA4AB

■ ADACAB

■ BEB3AB

■ CFBBAB

# Harmonies

## Analogous

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



007F9F



3578AB



6B6EA7

# Triad

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



3578AB



A95D5F



4E7E4F

# Complementary

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



3578AB



AB6835

# 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.



6F783D



3578AB



9F6547

# Square

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



3578AB



A55D7B



8B6F3A



1F816B

# Rectangle

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



3578AB



85679D



8B6F3A



5A7C48



# Sweetspot

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



3578AB



AFCADE



35AB66



546470



F0F0F0



707070



# Same Dimension

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



3578AB



268EDE



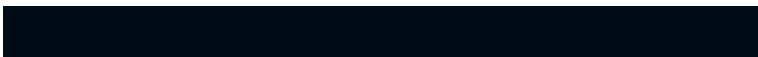
353FAB



4E5357



005596



000D17



# Inverse Universe

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



AB3578



DE268E



ABA135



574E53



960055



17000D



# Previews

## White Background



This preview shows how the Hex color 3578AB looks on a white background.

## Color Contrast Check

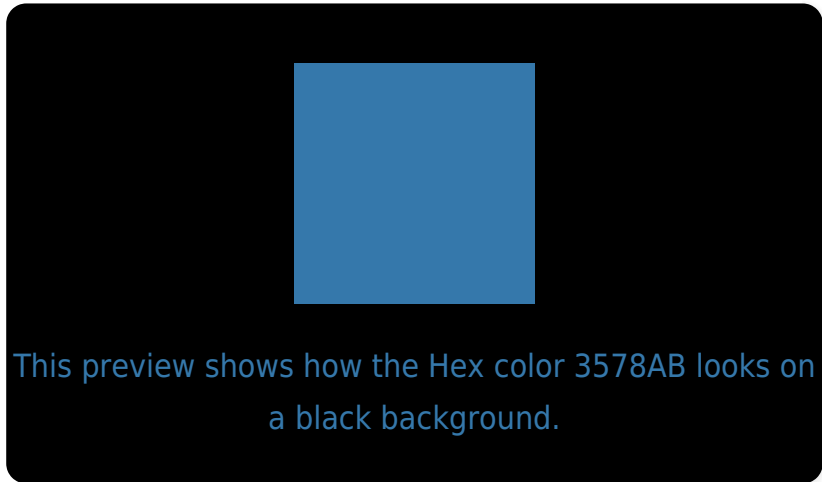
Large Text (above 18pt) WCAG AA ✓ Pass

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 3578AB Background



This preview shows how black text looks on a background with the Hex color 3578AB.

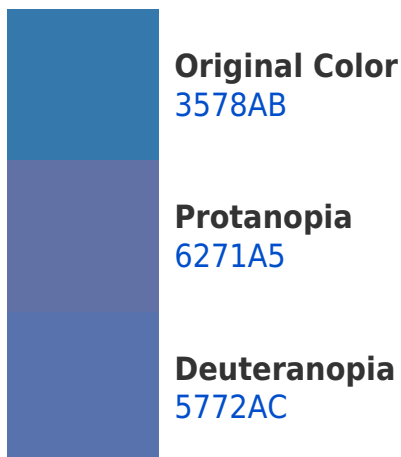


This preview shows how white text looks on a background with the Hex color 3578AB.

# 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](#).

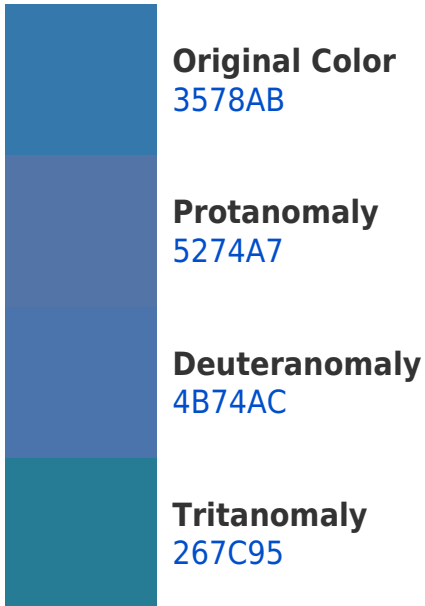
## Dichromacy



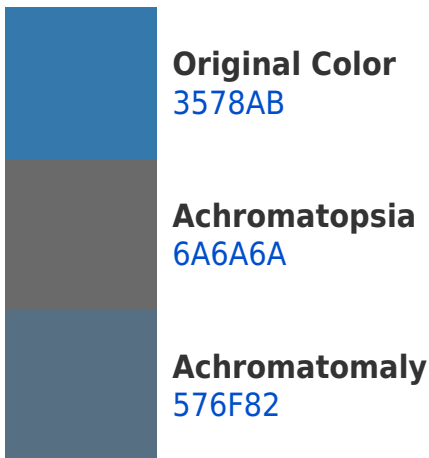


**Tritanopia**  
1D7F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3578AB 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 #3578AB looks like.

```
.text, #text, p{  
    color:#3578AB  
}
```

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 #3578AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3578AB
}
```

## Border

The CSS property to change the border of an element to Hex 3578AB 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
#3578AB }
```

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

```
.border{ border-color:#3578AB }
```

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

Here you see how a box with a 4 pixel #3578AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3578AB; -webkit-box-shadow:4px 4px  
4px 4px #3578AB; box-shadow:4px 4px 4px  
4px #3578AB }
```

# Background

The CSS property to change the background color of an element to Hex 3578AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3578AB }
```

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

```
.background{ background-color:#3578AB }
```

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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