

# Converting Colors

Hex(4576BA)

Have a look what the booklet for  
Hex(4576BA) contains.

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# Color

**Hex(4576BA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4576BA
RGB	69, 118, 186
RGB Percent	27%, 46%, 73%
CMY	0.7294, 0.5373, 0.2706
CMYK	0.63, 0.37, 0.00, 0.27
HSL	215°, 46%, 50%
HSV	215°, 63%, 73%
XYZ	17.7956, 17.7672, 48.9459
YIQ	111.1010, -51.0320, 10.7600

# Conversions

## Conversions Part 2

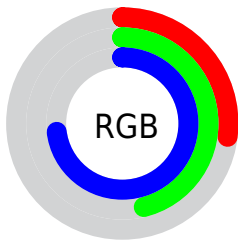
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	69, 104, 186
Decimal	4552378
CIE Lab	49.21, 4.95, -40.77
CIE LCh	49, 41.072, 276.925
Yxy	17.7672, 0.2106, 0.2102
Android (android.graphics.Color)	4282742458 (0xFF4576BA)
YUV	111.1010, 36.9252, -36.9226
Hunter-Lab	42.1512, 1.5954, -39.3415

# Details

The Hex color **4576BA** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **BA8945**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **7FAAF3**, and **004684** is the 20% darker color. If you saturate the color by 10%, you get **326BBA**, and if you desaturate by 10%, it is **5881BA**.

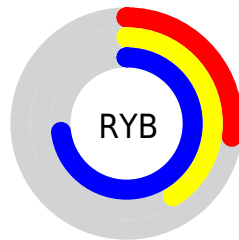
# Distribution



Red (27%)

Green (46%)

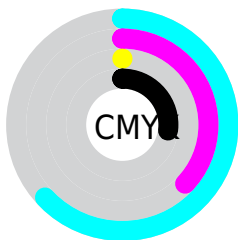
Blue (73%)



Red (27%)

Yellow (41%)

Blue (73%)

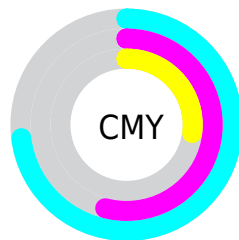


Cyan (63%)

Magenta (37%)

Yellow (0%)

Black (27%)



Cyan (73%)

Magenta (54%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4576BA 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 4576BA by changing the saturation by 10% instead.



■ 4576BA

■ 4576BA

FFFFFF

■ 235E9F

■ 7FAAF3

■ 004684

■ 9CC5FF

■ 00306B

■ B9E1FF

■ 001C52

■ D6FDFF

■ 00043B

■ F4FFFF

■ 000224

■ 00000C

■ 000000

■ 4576BA

■ 4576BA

■ 326BBA

■ 5881BA

■ 2060BA

■ 6A8CBA

■ 0D56BA

■ 7D96BA

■ 004EBA

■ 8FA1BA

■ A2ACBA

■ B5B7BA

■ C7C2BA

■ DACCBA

■ ECD7BA

# Harmonies

## Analogous

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



0080B5



4576BA



8269AD

# Triad

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



4576BA



B25D4D



288458

# Complementary

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



4576BA



BA8945

# 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.



5C7F3B



4576BA



9F6934

# Square

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



4576BA



B5576E



81762C



00867C

# Rectangle

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



4576BA



9C609B



81762C



3D834D



# Sweetspot

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



4576BA



C4D7F2



45BA87



5E6A7A



FAFAFA



7A7A7A



# Same Dimension

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



4576BA



3D89F2



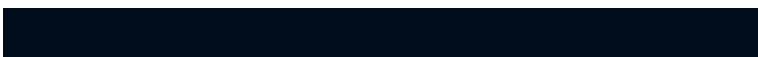
4D45BA



53565C



00419C



000C1C



# Inverse Universe

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



BA4576



F23D89



B2BA45



5C5356



9C0041

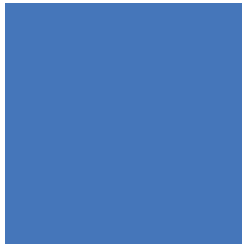


1C000C



# Previews

## White Background



This preview shows how the Hex color 4576BA looks on a white background.

## Color Contrast Check

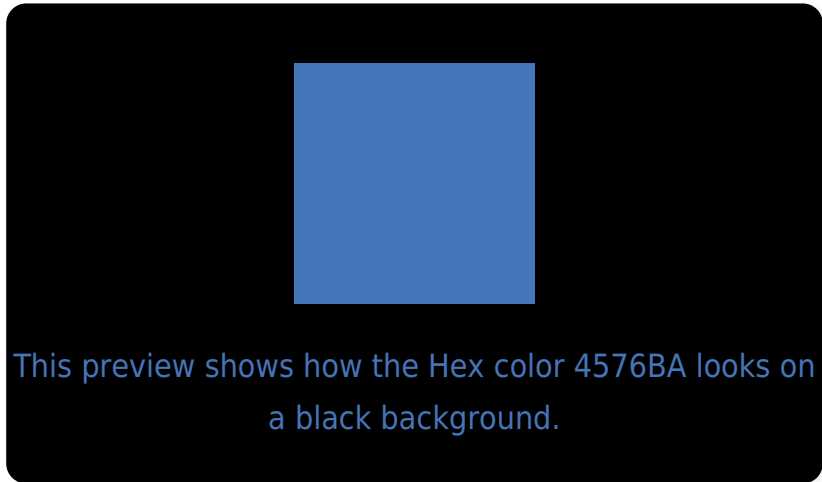
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

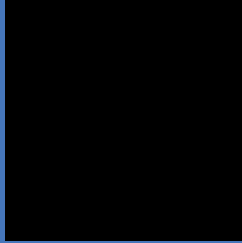
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4576BA Background



This preview shows how black text looks on a background with the Hex color 4576BA.

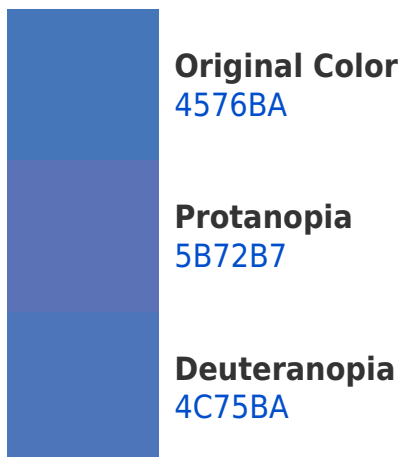


This preview shows how white text looks on a background with the Hex color 4576BA.

# Color Blindness Simulation

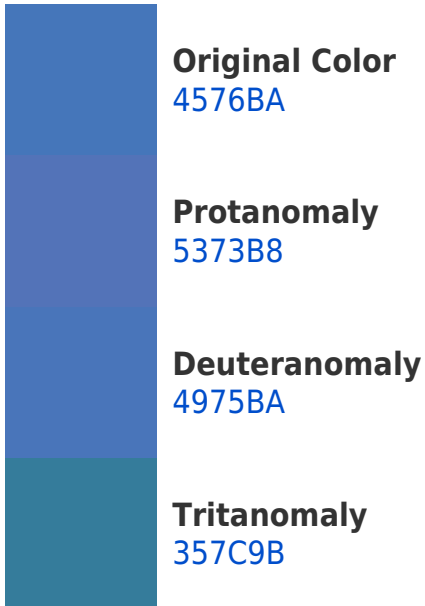
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

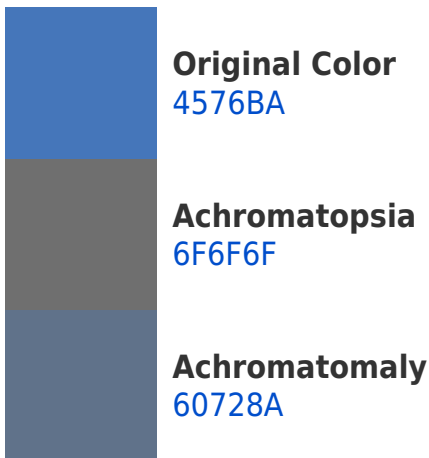




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4576BA 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 #4576BA looks like.

```
.text, #text, p{  
    color:#4576BA  
}
```

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 #4576BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4576BA
}
```

## Border

The CSS property to change the border of an element to Hex 4576BA 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
#4576BA }
```

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

```
.border{ border-color:#4576BA }
```

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

Here you see how a box with a 4 pixel #4576BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4576BA; -webkit-box-shadow:4px 4px  
4px 4px #4576BA; box-shadow:4px 4px 4px  
4px #4576BA }
```

# Background

The CSS property to change the background color of an element to Hex 4576BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4576BA }
```

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

```
.background{ background-color:#4576BA }
```

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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