

Converting Colors

Hex(4576A6)

Have a look what the booklet for
Hex(4576A6) contains.

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Color

Hex(4576A6)

Conversions

Conversions Part 1

Format	Color
Hex	4576A6
RGB	69, 118, 166
RGB Percent	27%, 46%, 65%
CMY	0.7294, 0.5373, 0.3490
CMYK	0.58, 0.29, 0.00, 0.35
HSL	210°, 41%, 46%
HSV	210°, 58%, 65%
XYZ	15.8156, 16.9752, 38.5194
YIQ	108.8210, -44.6120, 4.5400

Conversions

Conversions Part 2

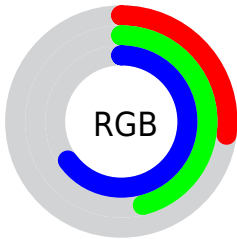
Format	Color
RYB	69, 102, 166
Decimal	4552358
CIELab	48.23, -1.84, -30.71
CIELCh	48, 30.765, 266.579
Yxy	16.9752, 0.2218, 0.2380
Android (android.graphics.Color)	4282742438 (0xFF4576A6)
YUV	108.8210, 28.1892, -34.9230
Hunter-Lab	41.2010, -3.5820, -26.5903

Details

The Hex color **4576A6** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A67545**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7DAADD**, and **004672** is the 20% darker color. If you saturate the color by 10%, you get **346EA6**, and if you desaturate by 10%, it is **567EA6**.

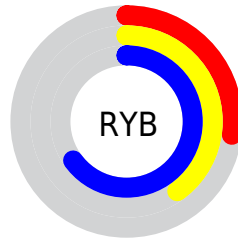
Distribution



Red (27%)

Green (46%)

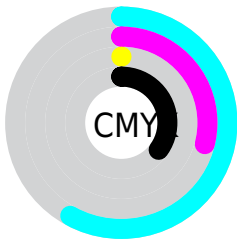
Blue (65%)



Red (27%)

Yellow (40%)

Blue (65%)

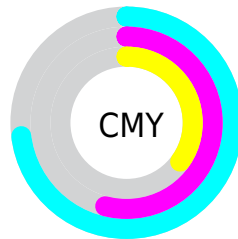


Cyan (58%)

Magenta (29%)

Yellow (0%)

Black (35%)



Cyan (73%)

Magenta (54%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4576A6 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 4576A6 by changing the saturation by 10% instead.

■ 4576A6

■ 4576A6

FFFFFF

■ 275D8B

■ 7DAADD

■ 004672

■ 98C5FA

■ 003059

■ B5E1FF

■ 001C41

■ D1FEFF

■ 00032B

■ EFFFFFF

■ 000115

■ 000000

■ 4576A6

■ 4576A6

■ 346EA6

■ 567EA6

■ 2466A6

■ 6686A6

■ 135DA6

■ 778FA6

■ 0355A6

■ 8797A6

■ 0054A6

■ 989FA6

■ A9A7A6

■ B9B0A6

■ CAB8A6

■ DAC0A6

Harmonies

Analogous

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



007D9D



4576A6



716DA1

Triad

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



4576A6



A4605D



4D7D55

Complementary

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



4576A6



A67545

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.



6C7843



4576A6



9A6748

Square

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



4576A6



A25E77



86703E



25806F

Rectangle

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



4576A6



876696



86703E



587C4E

Sweetspot

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



4576A6



B2C5D9



45A674



56626E



EDEDED



6E6E6E

Same Dimension

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



4576A6



418ED9



4547A6



4C5054



004B94



000A14

Inverse Universe

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



A64576



D9418E



A6A445



544C50



94004B



14000A

Previews

White Background



This preview shows how the Hex color 4576A6 looks on a white background.

Color Contrast Check

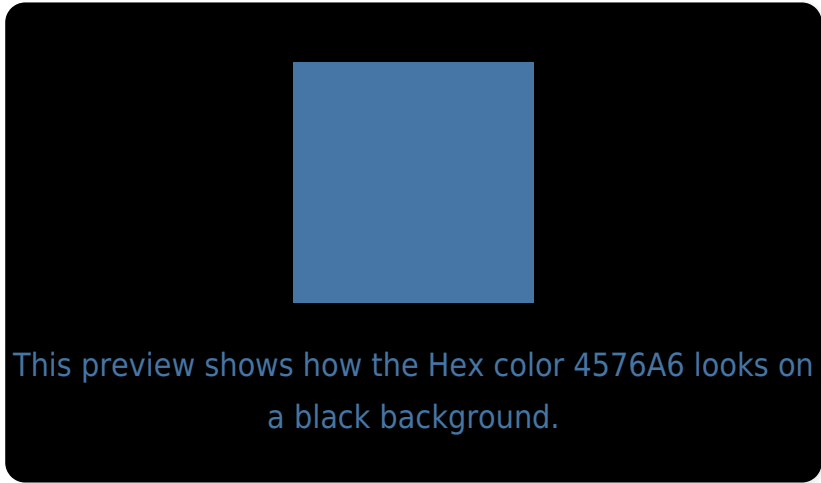
Large Text (above 18pt) WCAG AA ✓ Pass

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 4576A6 Background



This preview shows how black text looks on a background with the Hex color 4576A6.

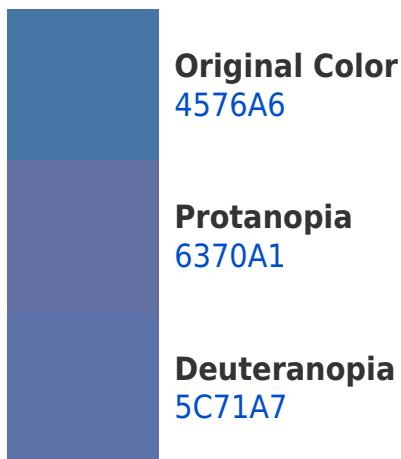


This preview shows how white text looks on a background with the Hex color 4576A6.

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](#).

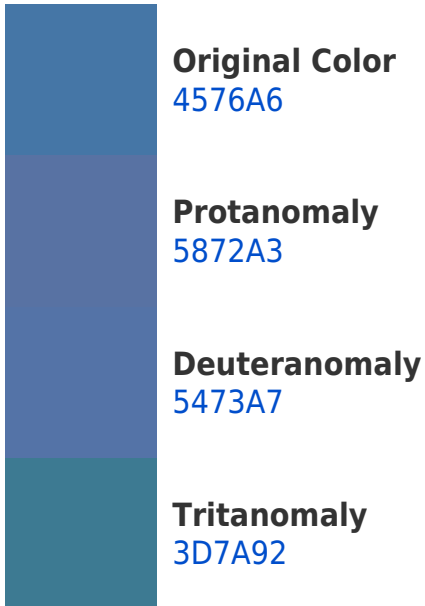
Dichromacy





Tritanopia
387C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4576A6 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 #4576A6 looks like.

```
.text, #text, p{  
    color:#4576A6  
}
```

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 #4576A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4576A6
}
```

Border

The CSS property to change the border of an element to Hex 4576A6 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
#4576A6 }
```

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

```
.border{ border-color:#4576A6 }
```

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

Here you see how a box with a 4 pixel #4576A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4576A6; -webkit-box-shadow:4px 4px  
4px 4px #4576A6; box-shadow:4px 4px 4px  
4px #4576A6 }
```

Background

The CSS property to change the background color of an element to Hex 4576A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4576A6 }
```

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

```
.background{ background-color:#4576A6 }
```

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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