

Converting Colors

Hex(4765A6)

Have a look what the booklet for
Hex(4765A6) contains.

Hex(4765A6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4765A6)

Conversions

Conversions Part 1

Format	Color
Hex	4765A6
RGB	71, 101, 166
RGB Percent	28%, 40%, 65%
CMY	0.7216, 0.6039, 0.3490
CMYK	0.57, 0.39, 0.00, 0.35
HSL	221°, 40%, 46%
HSV	221°, 57%, 65%
XYZ	14.1351, 13.4001, 37.9179
YIQ	99.4400, -38.7450, 13.8550

Conversions

Conversions Part 2

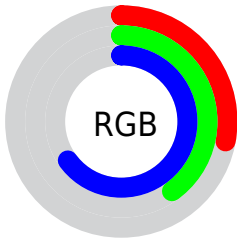
Format	Color
R_YB	71, 94, 166
Decimal	4679078
CIE Lab	43.36, 9.04, -38.36
CIE LCh	43, 39.416, 283.263
Yxy	13.4001, 0.2160, 0.2047
Android (android.graphics.Color)	4282869158 (0xFF4765A6)
YUV	99.4400, 32.8141, -24.9419
Hunter-Lab	36.6062, 4.8653, -35.7902

Details

The Hex color **4765A6** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A68847**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **7E98DD**, and **003772** is the 20% darker color. If you saturate the color by 10%, you get **365AA6**, and if you desaturate by 10%, it is **5870A6**.

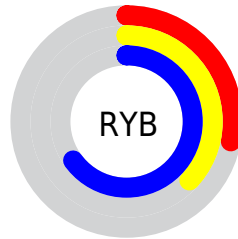
Distribution



Red (28%)

Green (40%)

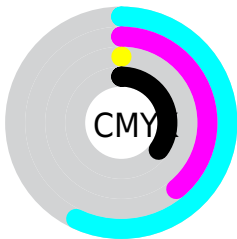
Blue (65%)



Red (28%)

Yellow (37%)

Blue (65%)

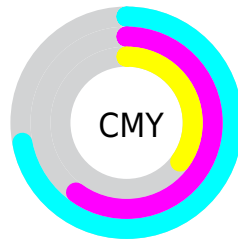


Cyan (57%)

Magenta (39%)

Yellow (0%)

Black (35%)



Cyan (72%)

Magenta (60%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4765A6 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 4765A6 by changing the saturation by 10% instead.

■ 4765A6

■ 4765A6

FFFFFF

■ 2A4D8B

■ 7E98DD

■ 003772

■ 9AB2FA

■ 002259

■ B6CEFF

■ 000B41

■ D3EAFF

■ 00032A

■ F0FFFF

■ 000114

■ 000000

■ 4765A6

■ 4765A6

■ 365AA6

■ 5870A6

■ 264EA6

■ 687CA6

■ 1543A6

■ 7987A6

■ 0538A6

■ 8992A6

■ 0034A6

■ 9A9EA6

■ ABA9A6

■ BBB5A6

■ CCC0A6

■ DCCBA6

Harmonies

Analogous

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



006FA5



4765A6



7B5896

Triad

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



4765A6



9C523B



007553

Complementary

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



4765A6



A68847

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.



477135



4765A6



885E26

Square

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



4765A6



A34A59



6B6923



007774

Rectangle

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



4765A6



915084



6B6923



247448

Sweetspot

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



4765A6



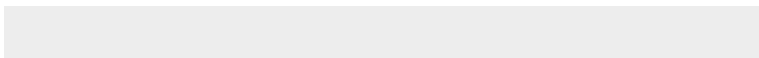
B4C0D9



47A688



585F6E



EDEDED



6E6E6E

Same Dimension

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



4765A6



4372D9



5847A6



4C4E54



002F94



000614

Inverse Universe

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



A64765



D94372



95A647



544C4E



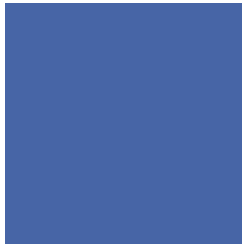
94002F



140006

Previews

White Background



This preview shows how the Hex color 4765A6 looks on a white background.

Color Contrast Check

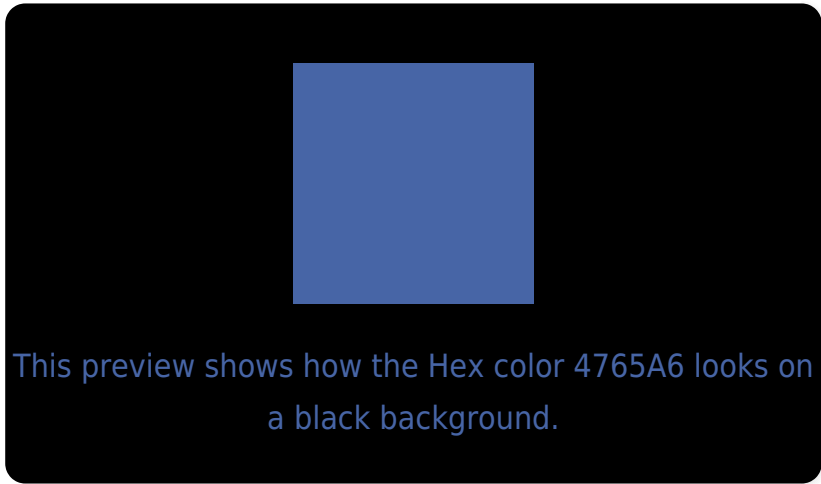
Large Text (above 18pt) WCAG AA ✓ Pass

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

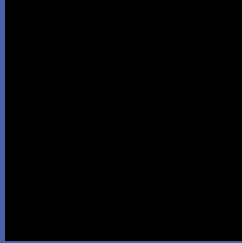
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

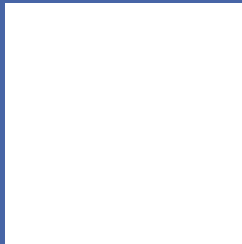
Any Text WCAG AAA × Fail

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

Hex 4765A6 Background



This preview shows how black text looks on a background with the Hex color 4765A6.



This preview shows how white text looks on a background with the Hex color 4765A6.

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
4765A6

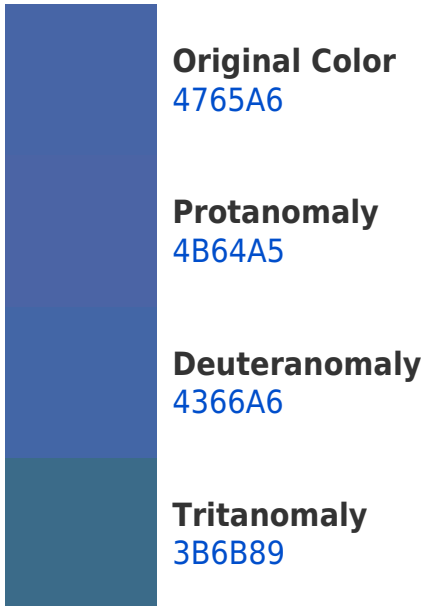
Protanopia
4D64A5

Deuteranopia
4066A6

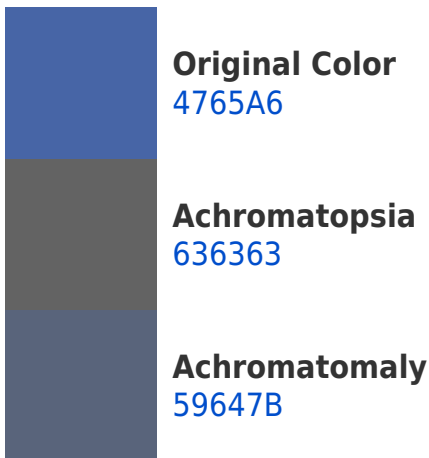


Tritanopia
346F78

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4765A6 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 #4765A6 looks like.

```
.text, #text, p{  
    color:#4765A6  
}
```

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 #4765A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4765A6  
}
```

Border

The CSS property to change the border of an element to Hex 4765A6 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  
#4765A6 }
```

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

```
.border{ border-color:#4765A6 }
```

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

Here you see how a box with a 4 pixel #4765A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4765A6; -webkit-box-shadow:4px 4px  
4px 4px #4765A6; box-shadow:4px 4px 4px  
4px #4765A6 }
```

Background

The CSS property to change the background color of an element to Hex 4765A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4765A6 }
```

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

```
.background{ background-color:#4765A6 }
```

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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