

Converting Colors

Hex(4761A5)

Have a look what the booklet for
Hex(4761A5) contains.

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Color

Hex(4761A5)

Conversions

Conversions Part 1

Format	Color
Hex	4761A5
RGB	71, 97, 165
RGB Percent	28%, 38%, 65%
CMY	0.7216, 0.6196, 0.3529
CMYK	0.57, 0.41, 0.00, 0.35
HSL	223°, 40%, 46%
HSV	223°, 57%, 65%
XYZ	13.6648, 12.6056, 37.3102
YIQ	96.9780, -37.3240, 15.6360

Conversions

Conversions Part 2

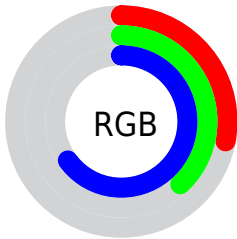
Format	Color
R_{YB}	71, 91, 165
Decimal	4678053
CIE _{Lab}	42.16, 11.23, -39.67
CIE _{LCh}	42, 41.233, 285.807
Yxy	12.6056, 0.2149, 0.1983
Android (android.graphics.Color)	4282868133 (0xFF4761A5)
YUV	96.9780, 33.5348, -22.7827
Hunter-Lab	35.5044, 6.5677, -37.4526

Details

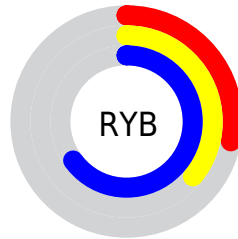
The Hex color **4761A5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A58B47**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **7E93DC**, and **003371** is the 20% darker color. If you saturate the color by 10%, you get **3755A5**, and if you desaturate by 10%, it is **576DA5**.

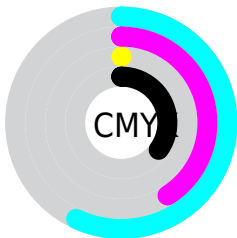
Distribution



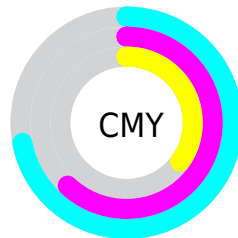
- Red (28%)
- Green (38%)
- Blue (65%)



- Red (28%)
- Yellow (36%)
- Blue (65%)



- Cyan (57%)
- Magenta (41%)
- Yellow (0%)
- Black (35%)



- Cyan (72%)
- Magenta (62%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4761A5 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 4761A5 by changing the saturation by 10% instead.

■ 4761A5

■ 4761A5

FFFFFF

■ 2A498A

■ 7E93DC

■ 003371

■ 9AAEF9

■ 001F58

■ B6C9FF

■ 000540

■ D3E5FF

■ 000329

■ F0FFFF

■ 000113

■ 000000

■ 4761A5

■ 4761A5

■ 3755A5

■ 576DA5

■ 2649A5

■ 6879A5

■ 163DA5

■ 7885A5

■ 0531A5

■ 8991A5

■ 002EA5

■ 9A9DA5

■ AAA9A5

■ BBB5A5

■ CBC0A5

■ DBCCA5

Harmonies

Analogous

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



006CA5



4761A5



7C5393

Triad

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



4761A5



994F34



007352

Complementary

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



4761A5



A58B47

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.



3E6F32



4761A5



835C1F

Square

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



4761A5



A24553



65671D



007475

Rectangle

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



4761A5



924A80



65671D



107246

Sweetspot

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



4761A5



B2BCD6



47A58A



565C6B



EBEBEB



6B6B6B

Same Dimension

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



4761A5



456DD6



5B47A5



494C52



002891



000512

Inverse Universe

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



A54761



D6456D



91A547



52494C



910028



120005

Previews

White Background



This preview shows how the Hex color 4761A5 looks on a white background.

Color Contrast Check

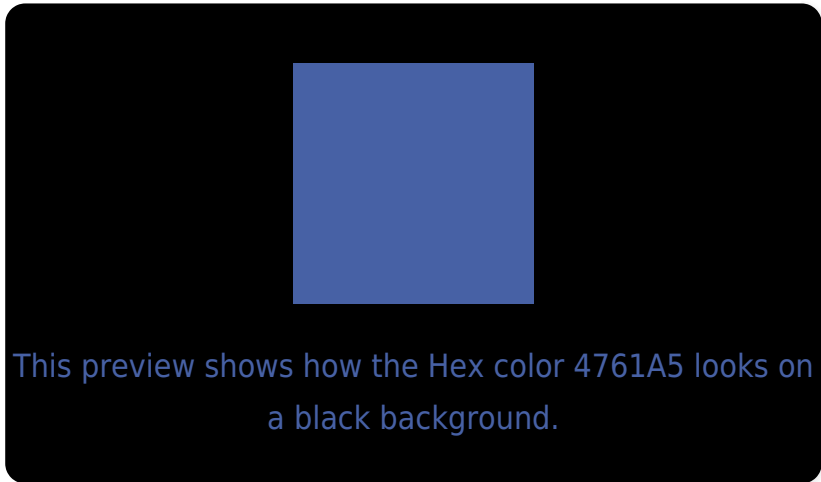
Large Text (above 18pt) WCAG AA ✓ Pass

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

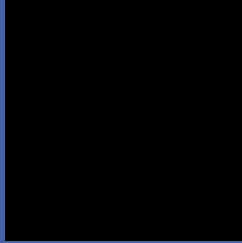
Any Text WCAG AA × Fail

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 4761A5 Background



This preview shows how black text looks on a background with the Hex color 4761A5.



This preview shows how white text looks on a background with the Hex color 4761A5.

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
4761A5

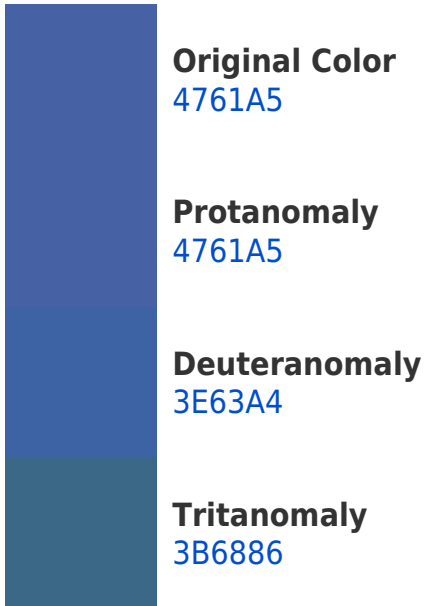
Protanopia
4761A5

Deuteranopia
3964A4

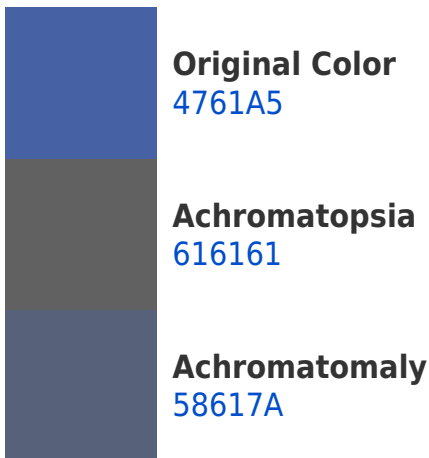


Tritanopia
346C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4761A5 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 #4761A5 looks like.

```
.text, #text, p{  
    color:#4761A5  
}
```

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 #4761A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4761A5
}
```

Border

The CSS property to change the border of an element to Hex 4761A5 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
#4761A5 }
```

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

```
.border{ border-color:#4761A5 }
```

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

Here you see how a box with a 4 pixel #4761A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4761A5; -webkit-box-shadow:4px 4px  
4px 4px #4761A5; box-shadow:4px 4px 4px  
4px #4761A5 }
```

Background

The CSS property to change the background color of an element to Hex 4761A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4761A5 }
```

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

```
.background{ background-color:#4761A5 }
```

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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