

Converting Colors

Hex(4856C1)

Have a look what the booklet for
Hex(4856C1) contains.

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Color

Hex(4856C1)

Conversions

Conversions Part 1

Format	Color
Hex	4856C1
RGB	72, 86, 193
RGB Percent	28%, 34%, 76%
CMY	0.7176, 0.6627, 0.2431
CMYK	0.63, 0.55, 0.00, 0.24
HSL	233°, 49%, 52%
HSV	233°, 63%, 76%
XYZ	15.6259, 11.8836, 51.9223
YIQ	94.0120, -42.6910, 30.3090

Conversions

Conversions Part 2

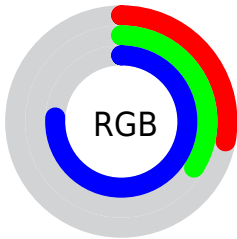
Format	Color
R_{YB}	72, 85, 193
Decimal	4740801
CIE _{Lab}	41.03, 28.09, -57.92
CIE _{LCh}	41, 64.375, 295.869
Yxy	11.8836, 0.1967, 0.1496
Android (android.graphics.Color)	4282930881 (0xFF4856C1)
YUV	94.0120, 48.8011, -19.3045
Hunter-Lab	34.4725, 20.5846, -65.1714

Details

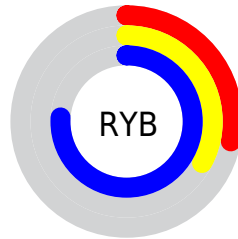
The Hex color **4856C1** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **C1B348**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8488FA**, and **00298A** is the 20% darker color. If you saturate the color by 10%, you get **3545C1**, and if you desaturate by 10%, it is **5B67C1**.

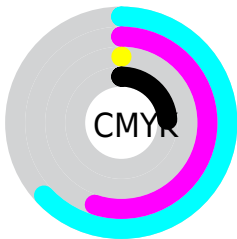
Distribution



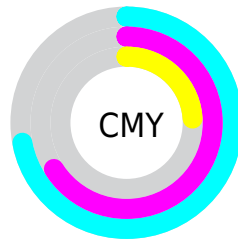
- Red (28%)
- Green (34%)
- Blue (76%)



- Red (28%)
- Yellow (33%)
- Blue (76%)



- Cyan (63%)
- Magenta (55%)
- Yellow (0%)
- Black (24%)



- Cyan (72%)
- Magenta (66%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4856C1 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 4856C1 by changing the saturation by 10% instead.

■ 4856C1

■ 4856C1

FFFFFF

■ 253FA5

■ 8488FA

■ 00298A

■ A1A2FF

■ 001670

■ BEBDFE

■ 000057

■ DCD8FF

■ 00063F

■ FAF5FF

■ 000328

■ 000112

■ 000000

■ 4856C1

■ 4856C1

■ 3545C1

■ 5B67C1

■ 2134C1

■ 6F78C1

■ 0E23C1

■ 8289C1

■ 0016C1

■ 959AC1

■ A9ABC1

■ BCBCC1

■ CFCDC1

■ E2DFC1

■ F6F0C1

Harmonies

Analogous

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



006ACB



4856C1



98389D

Triad

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



4856C1



A24400



007758

Complementary

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



4856C1



C1B348

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.



00731F



4856C1



7C5C00

Square

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



4856C1



B92536



496B00



00778E

Rectangle

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



4856C1



B1217C



496B00



007645

Sweetspot

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



4856C1



CAD0FA



48C1B3



60647D



FCFCFC



7D7D7D

Same Dimension

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



4856C1



3E54FA



7648C1



575861



0013A1



000421

Inverse Universe

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



C14856



FA3E54



93C148



615758



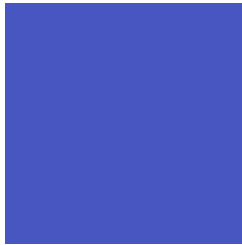
A10013



210004

Previews

White Background



This preview shows how the Hex color 4856C1 looks on a white background.

Color Contrast Check

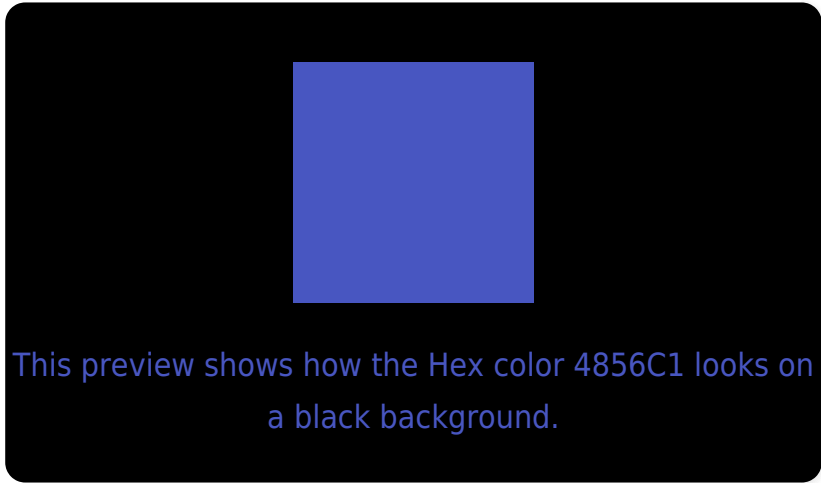
Large Text (above 18pt) WCAG AA ✓ Pass

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 4856C1 Background



This preview shows how black text looks on a background with the Hex color 4856C1.

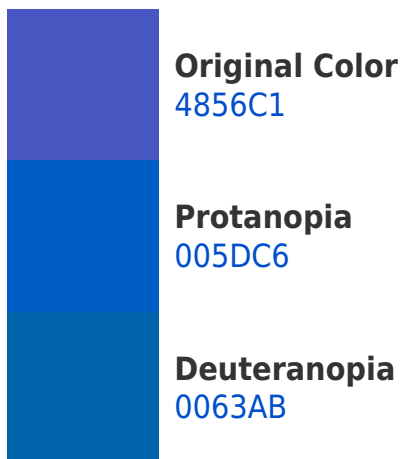



This preview shows how white text looks on a background with the Hex color 4856C1.

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](#).

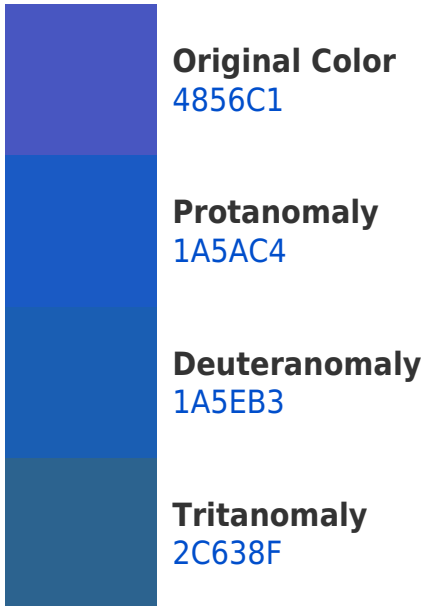
Dichromacy





Tritanopia
1C6A73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4856C1 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 #4856C1 looks like.

```
.text, #text, p{  
    color:#4856C1  
}
```

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 #4856C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4856C1
}
```

Border

The CSS property to change the border of an element to Hex 4856C1 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
#4856C1 }
```

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

```
.border{ border-color:#4856C1 }
```

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

Here you see how a box with a 4 pixel #4856C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4856C1; -webkit-box-shadow:4px 4px  
4px 4px #4856C1; box-shadow:4px 4px 4px  
4px #4856C1 }
```

Background

The CSS property to change the background color of an element to Hex 4856C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4856C1 }
```

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

```
.background{ background-color:#4856C1 }
```

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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