

Converting Colors

Hex(4B60A5)

Have a look what the booklet for
Hex(4B60A5) contains.

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Color

Hex(4B60A5)

Conversions

Conversions Part 1

Format	Color
Hex	4B60A5
RGB	75, 96, 165
RGB Percent	29%, 38%, 65%
CMY	0.7059, 0.6235, 0.3529
CMYK	0.55, 0.42, 0.00, 0.35
HSL	226°, 38%, 47%
HSV	226°, 55%, 65%
XYZ	13.8761, 12.5782, 37.2938
YIQ	97.5870, -34.6650, 17.0070

Conversions

Conversions Part 2

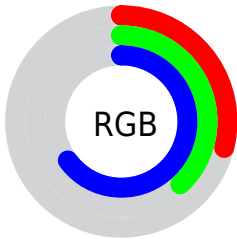
Format	Color
R_{YB}	75, 92, 165
Decimal	4939941
CIE _{Lab}	42.12, 12.76, -39.73
CIE _{LCh}	42, 41.723, 287.803
Yxy	12.5782, 0.2177, 0.1973
Android (android.graphics.Color)	4283130021 (0xFF4B60A5)
YUV	97.5870, 33.2346, -19.8088
Hunter-Lab	35.4658, 7.7734, -37.5200

Details

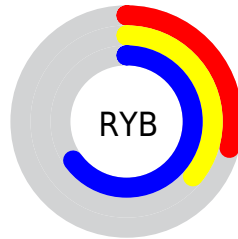
The Hex color **4B60A5** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A5904B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8292DC**, and **093271** is the 20% darker color. If you saturate the color by 10%, you get **3B53A5**, and if you desaturate by 10%, it is **5C6DA5**.

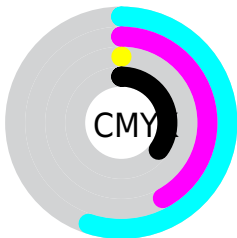
Distribution



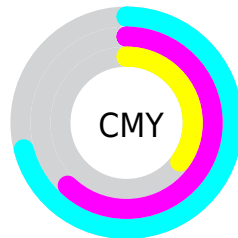
- Red (29%)
- Green (38%)
- Blue (65%)



- Red (29%)
- Yellow (36%)
- Blue (65%)



- Cyan (55%)
- Magenta (42%)
- Yellow (0%)
- Black (35%)



- Cyan (71%)
- Magenta (62%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B60A5 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 4B60A5 by changing the saturation by 10% instead.

■ 4B60A5

■ 4B60A5

FFFFFF

■ 2F488A

■ 8292DC

■ 093271

■ 9DADF9

■ 001E58

■ BAC8FF

■ 000440

■ D6E4FF

■ 000329

■ F4FFFF

■ 000113

■ 000000

■ 4B60A5

■ 4B60A5

■ 3B53A5

■ 5C6DA5

■ 2A47A5

■ 6C79A5

■ 1A3AA5

■ 7D86A5

■ 092DA5

■ 8D93A5

■ 0027A5

■ 9D9FA5

■ AEACA5

■ BEB9A5

■ CFC5A5

■ DFD2A5

Harmonies

Analogous

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



006BA6



4B60A5



7F5292

Triad

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



4B60A5



994F32



007354

Complementary

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



4B60A5



A5904B

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.



3A6F33



4B60A5



825D1C

Square

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



4B60A5



A24550



62681C



007477

Rectangle

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



4B60A5



94497E



62681C



017248

Sweetspot

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



4B60A5



B4BCD6



4BA590



575B6B



EBEBEB



6B6B6B

Same Dimension

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



4B60A5



4B6BD6



634BA5



494B52



002291



000412

Inverse Universe

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



A54B60



D64B6B



8DA54B



52494B



910022



120004

Previews

White Background



This preview shows how the Hex color 4B60A5 looks on a white background.

Color Contrast Check

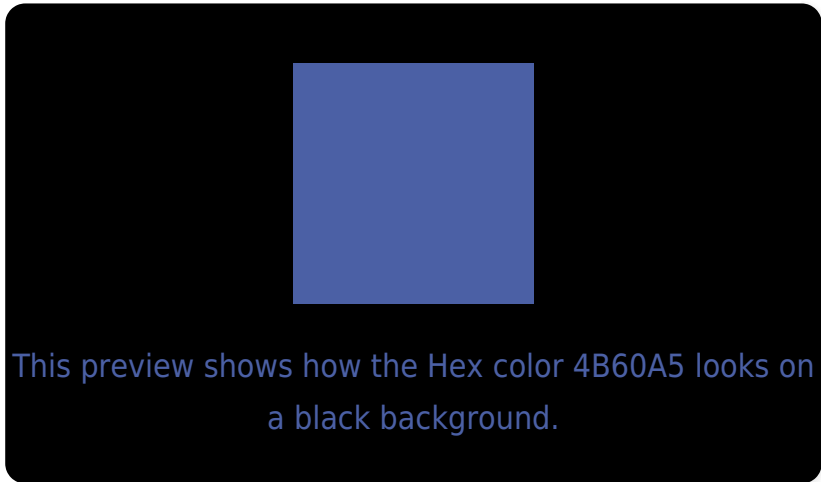
Large Text (above 18pt) WCAG AA ✓ Pass

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

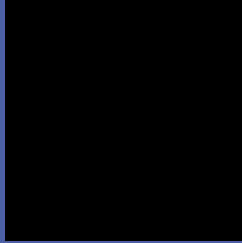
Any Text WCAG AA × Fail

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 4B60A5 Background



This preview shows how black text looks on a background with the Hex color 4B60A5.



This preview shows how white text looks on a background with the Hex color 4B60A5.

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


4B60A5

Protanopia

4661A6

Deuteranopia

3964A4



Tritanopia
396B73

Trichromacy



Original Color
4B60A5

Protanomaly
4861A6

Deuteranomaly
4063A4

Tritanomaly
406785

Monochromacy



Original Color
4B60A5

Achromatopsia
626262

Achromatomaly
5A617A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B60A5 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 #4B60A5 looks like.

```
.text, #text, p{  
    color:#4B60A5  
}
```

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 #4B60A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B60A5
}
```

Border

The CSS property to change the border of an element to Hex 4B60A5 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
#4B60A5 }
```

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

```
.border{ border-color:#4B60A5 }
```

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

Here you see how a box with a 4 pixel #4B60A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B60A5; -webkit-box-shadow:4px 4px  
4px 4px #4B60A5; box-shadow:4px 4px 4px  
4px #4B60A5 }
```

Background

The CSS property to change the background color of an element to Hex 4B60A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B60A5 }
```

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

```
.background{ background-color:#4B60A5 }
```

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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