

Converting Colors

Hex(A4640B)

Have a look what the booklet for
Hex(A4640B) contains.

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Color

Hex(A4640B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A4640B |
| RGB | 164, 100, 11 |
| RGB Percent | 64%, 39%, 4% |
| CMY | 0.3569, 0.6078, 0.9569 |
| CMYK | 0.00, 0.39, 0.93, 0.36 |
| HSL | 35°, 87%, 34% |
| HSV | 35°, 93%, 64% |
| XYZ | 19.9274, 17.0310, 2.5536 |
| YIQ | 108.9900, 66.7130, -14.1110 |

Conversions

Conversions Part 2

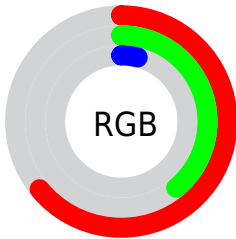
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 121, 164, 11 |
| Decimal | 10773515 |
| CIELab | 48.30, 19.88, 53.61 |
| CIELCh | 48, 57.181, 69.651 |
| Yxy | 17.0310, 0.5043, 0.4310 |
| Android (android.graphics.Color) | 4288963595 (0xFFA4640B) |
| YUV | 108.9900, -48.3091, 48.2438 |
| Hunter-Lab | 41.2687, 13.9723, 25.2193 |

Details

The Hex color **A4640B** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0B4BA4**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **E09743**, and **6A3500** is the 20% darker color. If you saturate the color by 10%, you get **A45F00**, and if you desaturate by 10%, it is **A46B1B**.

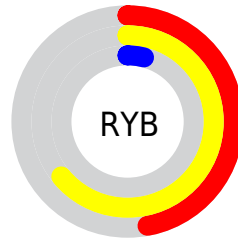
Distribution



Red (64%)

Green (39%)

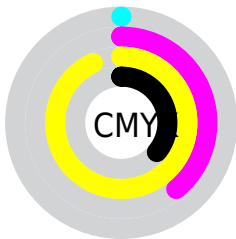
Blue (4%)



Red (47%)

Yellow (64%)

Blue (4%)

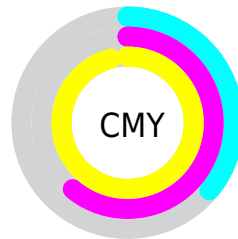


Cyan (0%)

Magenta (39%)

Yellow (93%)

Black (36%)



Cyan (36%)

Magenta (61%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color A4640B 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 A4640B by changing the saturation by 10% instead.

 A4640B

 A4640B

FFFFFF

 874C00

 E09743

 6A3500

 FF25D

 4E1F00

 FFCD77

 330A00

 FFEA92

 190001

 FFFFAD

 000000

 FFFFC9

 FFFF66

 A4640B

 A4640B

■ A45F00

■ A46B1B

■ A4722C

■ A4793C

■ A47F4D

■ A4865D

■ A48D6D

■ A4947E

■ A49B8E

■ A4A29F

Harmonies

Analogous

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



C04F37



A4640B



7B7500

Triad

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



A4640B



008981



885EBE

Complementary

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



A4640B



0B4BA4

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.



0673D3



A4640B



0087AF

Square

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



A4640B



00874F



0081CD



B84895

Rectangle

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



A4640B



5A7E0F



0081CD



6F66C7

Sweetspot

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



A4640B



D6BD9A



A40B4D



6B5C47



EBEBEB



6B6B6B

Same Dimension

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



A4640B



D67D00



9AA40B



524E49



915500



120A00

Inverse Universe

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



0B4BA4



005AD6



150BA4



494D52



003D91



000712

Previews

White Background



This preview shows how the Hex color A4640B looks on a white background.

Color Contrast Check

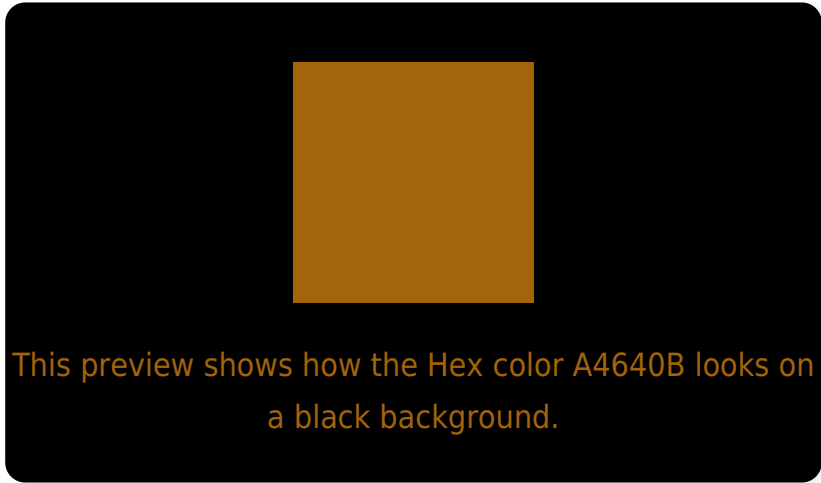
Large Text (above 18pt) WCAG AA ✓ Pass

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

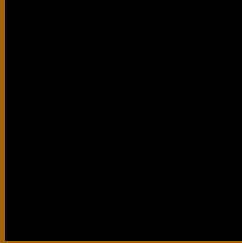
Any Text WCAG AA × Fail

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 A4640B Background



This preview shows how black text looks on a background with the Hex color A4640B.



This preview shows how white text looks on a background with the Hex color A4640B.

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
A4640B

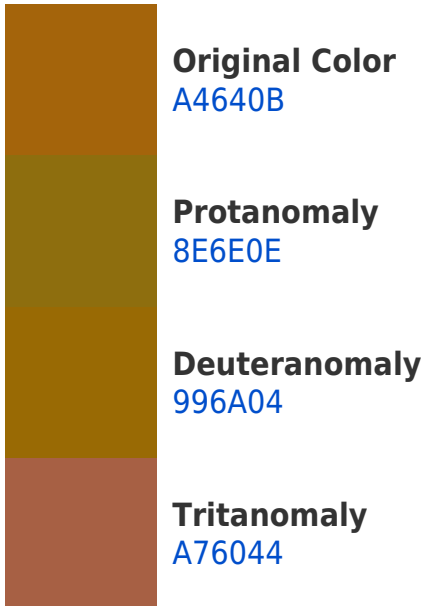
Protanopia
827410

Deuteranopia
926D00

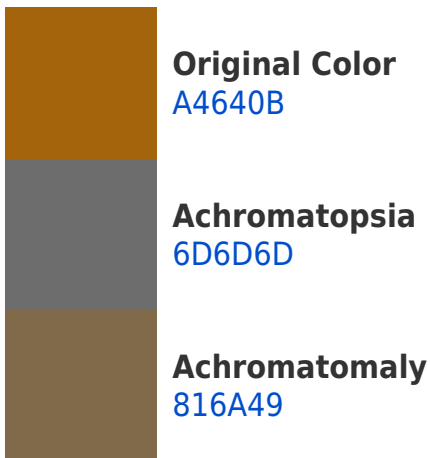


Tritanopia
A85D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A4640B 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 #A4640B looks like.

```
.text, #text, p{  
    color:#A4640B  
}
```

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 #A4640B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4640B
}
```

Border

The CSS property to change the border of an element to Hex A4640B is called "border". The border property can be set on classes, ids or directly on the HTML element.

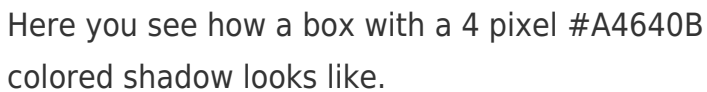
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A4640B }
```

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

```
.border{ border-color:#A4640B }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #A4640B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4640B; -webkit-box-shadow:4px 4px  
4px 4px #A4640B; box-shadow:4px 4px 4px  
4px #A4640B }
```

Background

The CSS property to change the background color of an element to Hex A4640B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4640B }
```

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

```
.background{ background-color:#A4640B }
```

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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