

Converting Colors

Hex(4A5A00)

Have a look what the booklet for
Hex(4A5A00) contains.

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Color

Hex(4A5A00)

Conversions

Conversions Part 1

Format	Color
Hex	4A5A00
RGB	74, 90, 0
RGB Percent	29%, 35%, 0%
CMY	0.7098, 0.6471, 1.0000
CMYK	0.18, 0.00, 1.00, 0.65
HSL	71°, 100%, 18%
HSV	71°, 100%, 35%
XYZ	6.4802, 8.7682, 1.3509
YIQ	74.9560, 19.3540, -31.3820

Conversions

Conversions Part 2

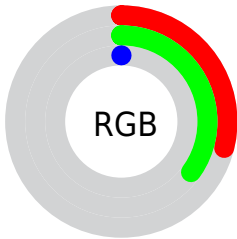
Format	Color
RYB	0, 90, 16
Decimal	4872704
CIELab	35.53, -17.87, 42.55
CIELCh	36, 46.151, 112.778
Yxy	8.7682, 0.3904, 0.5282
Android (android.graphics.Color)	4283062784 (0xFF4A5A00)
YUV	74.9560, -36.9533, -0.8384
Hunter-Lab	29.6111, -12.7558, 18.0229

Details

The Hex color **4A5A00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **10005A**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **7E8C37**, and **192C00** is the 20% darker color. If you saturate the color by 10%, you get **4A5A00**, and if you desaturate by 10%, it is **4C5A09**.

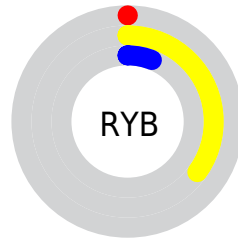
Distribution



Red (29%)

Green (35%)

Blue (0%)



Red (0%)

Yellow (35%)

Blue (6%)

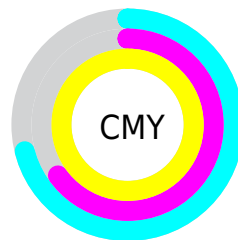


Cyan (18%)

Magenta (0%)

Yellow (100%)

Black (65%)



Cyan (71%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A5A00 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 4A5A00 by changing the saturation by 10% instead.

 4A5A00

 4A5A00

 FFFFF3

 324300

 7E8C37

 192C00

 99A650

 001A00

 B4C26A

 000000

 D0DD84

 EDFA9E

 FFFFBA

 FFFF66

 4A5A00

 4C5A09

 4D5A12

 4F5A1B

 505A24

 525A2D

 545A36

 555A3F

 575A48

 585A51

Harmonies

Analogous

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



6D4F00



4A5A00



146124

Triad

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



4A5A00



00628E



912E5E

Complementary

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



4A5A00



10005A

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.



773C81



4A5A00



005B9D

Square

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



4A5A00



00646F



404E98



943039

Rectangle

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



4A5A00



00633C



404E98



8B326A

Sweetspot

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



4A5A00



6F7552



5A0F00



373B26



BABABA



3B3B3B

Same Dimension

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



4A5A00



607500



1E5A00



2D2E29



5A6E00



C3ED00

Inverse Universe

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



10005A



150075



3C005A



2A292E



13006E



2A00ED

Previews

White Background



This preview shows how the Hex color 4A5A00 looks on a white background.

Color Contrast Check

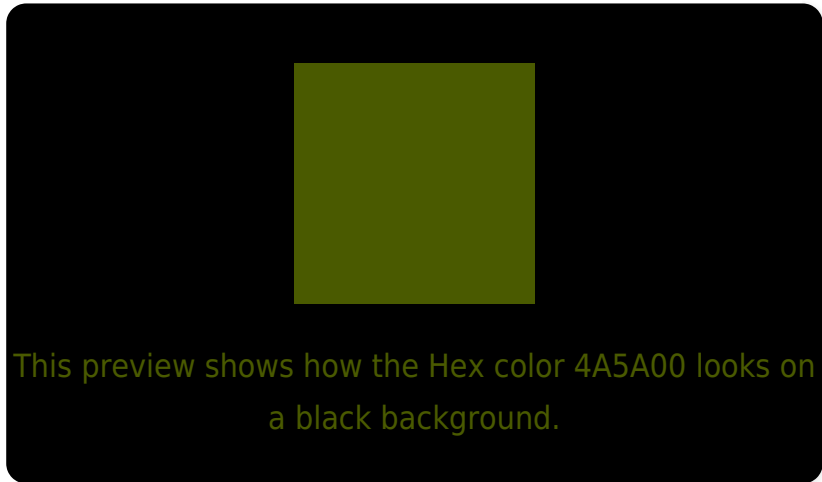
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

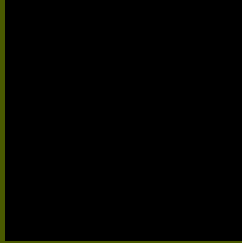
Any Text WCAG AA × Fail

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 4A5A00 Background



This preview shows how black text looks on a background with the Hex color 4A5A00.



This preview shows how white text looks on a background with the Hex color 4A5A00.

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](#).

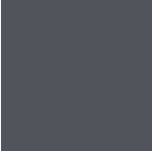
Dichromacy



Original Color
4A5A00

Protanopia
5E4000

Deuteranopia
694F10



Tritanopia
51545A

Trichromacy



Original Color
4A5A00

Protanomaly
575600

Deuteranomaly
5E530A

Tritanomaly
4E5639

Monochromacy



Original Color
4A5A00

Achromatopsia
4B4B4B

Achromatomaly
4B5030

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A5A00 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 #4A5A00 looks like.

```
.text, #text, p{  
    color:#4A5A00  
}
```

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 #4A5A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A5A00
}
```

Border

The CSS property to change the border of an element to Hex 4A5A00 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
#4A5A00 }
```

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

```
.border{ border-color:#4A5A00 }
```

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

Here you see how a box with a 4 pixel #4A5A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A5A00; -webkit-box-shadow:4px 4px  
4px 4px #4A5A00; box-shadow:4px 4px 4px  
4px #4A5A00 }
```

Background

The CSS property to change the background color of an element to Hex 4A5A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A5A00 }
```

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

```
.background{ background-color:#4A5A00 }
```

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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