

Converting Colors

Hex(4A5504)

Have a look what the booklet for
Hex(4A5504) contains.

Hex(4A5504)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4A5504)

Conversions

Conversions Part 1

Format	Color
Hex	4A5504
RGB	74, 85, 4
RGB Percent	29%, 33%, 2%
CMY	0.7098, 0.6667, 0.9843
CMYK	0.13, 0.00, 0.95, 0.67
HSL	68°, 91%, 17%
HSV	68°, 95%, 33%
XYZ	6.0945, 7.9616, 1.3304
YIQ	72.4770, 19.4450, -27.5230

Conversions

Conversions Part 2

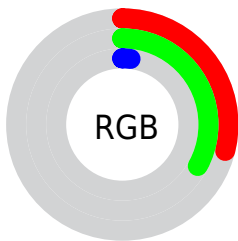
Format	Color
R_{YB}	4, 85, 15
Decimal	4871428
CIE Lab	33.90, -14.97, 39.97
CIE LCh	34, 42.687, 110.534
Yxy	7.9616, 0.3961, 0.5174
Android (android.graphics.Color)	4283061508 (0xFF4A5504)
YUV	72.4770, -33.7592, 1.3357
Hunter-Lab	28.2163, -10.8243, 16.9559

Details

The Hex color **4A5504** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0F0455**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **7D8739**, and **1A2800** is the 20% darker color. If you saturate the color by 10%, you get **495500**, and if you desaturate by 10%, it is **4B550D**.

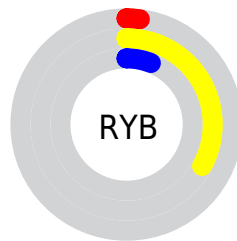
Distribution



Red (29%)

Green (33%)

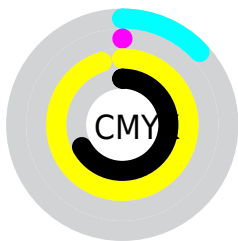
Blue (2%)



Red (2%)

Yellow (33%)

Blue (6%)

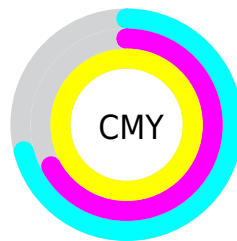


Cyan (13%)

Magenta (0%)

Yellow (95%)

Black (67%)



Cyan (71%)

Magenta (67%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A5504 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 4A5504 by changing the saturation by 10% instead.



4A5504



4A5504



FFFFFF4



323E00



7D8739



1A2800



98A151



001500



B4BC6B



000000



D0D785



EDF49F



FFFFBB



FFFFD7



4A5504



4A5504

■ 495500

■ 4B550D

■ 4C5515

■ 4D551E

■ 4F5526

■ 50552F

■ 515537

■ 52553F

■ 535548

■ 545550

Harmonies

Analogous

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



694A02



4A5504



1E5C22

Triad

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



4A5504



005D84



872F5C

Complementary

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



4A5504



0F0455

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.



6E3C7B



4A5504



005793

Square

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



4A5504



005F67



3A4B90



8C303A

Rectangle

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



4A5504



005E38



3A4B90



813267

Sweetspot

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



4A5504



696E4E



550F04



353824



B8B8B8



383838

Same Dimension

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



4A5504



5F6E00



225504



2B2B27



5D6B00



CBEB00

Inverse Universe

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



0F0455



0F006E



370455



28272B



0F006B



2000EB

Previews

White Background



This preview shows how the Hex color 4A5504 looks on a white background.

Color Contrast Check

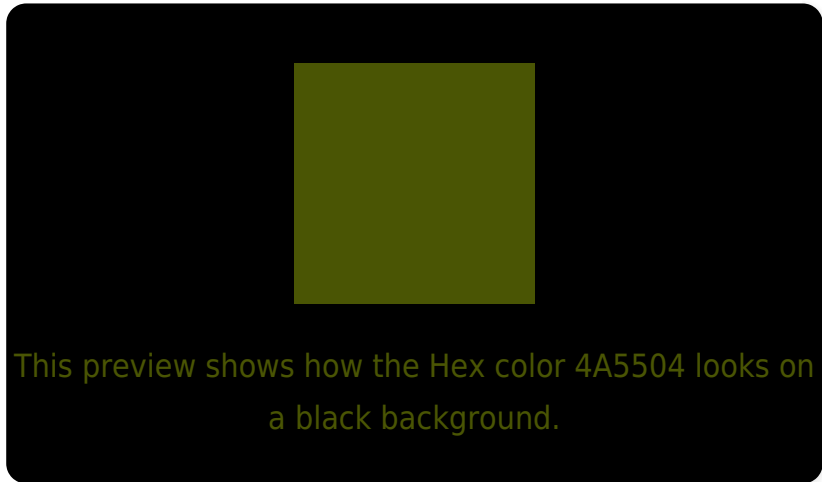
Large Text (above 18pt) WCAG AA ✓ Pass

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

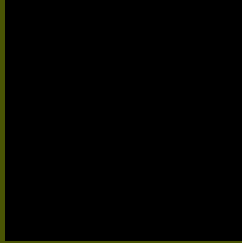
Any Text WCAG AA × Fail

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 4A5504 Background



This preview shows how black text looks on a background with the Hex color 4A5504.



This preview shows how white text looks on a background with the Hex color 4A5504.

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
4A5504

Protanopia
5A5000

Deuteranopia
654C0F



Tritanopia
514F55

Trichromacy



Original Color
4A5504

Protanomaly
545201

Deuteranomaly
5B4F0B

Tritanomaly
4E5138

Monochromacy



Original Color
4A5504

Achromatopsia
484848

Achromatomaly
494D2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A5504 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 #4A5504 looks like.

```
.text, #text, p{  
    color:#4A5504  
}
```

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 #4A5504 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A5504
}
```

Border

The CSS property to change the border of an element to Hex 4A5504 is called "border". The border property can be set on classes, ids or directly on the HTML element.

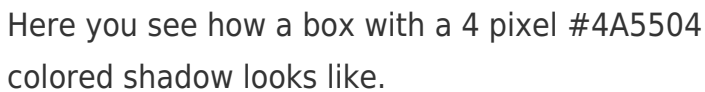
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4A5504 }
```

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

```
.border{ border-color:#4A5504 }
```

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



Here you see how a box with a 4 pixel #4A5504 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A5504; -webkit-box-shadow:4px 4px  
4px 4px #4A5504; box-shadow:4px 4px 4px  
4px #4A5504 }
```

Background

The CSS property to change the background color of an element to Hex 4A5504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A5504 }
```

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

```
.background{ background-color:#4A5504 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor