

Converting Colors

Hex(4A5200)

Have a look what the booklet for
Hex(4A5200) contains.

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Color

Hex(4A5200)

Conversions

Conversions Part 1

Format	Color
Hex	4A5200
RGB	74, 82, 0
RGB Percent	29%, 32%, 0%
CMY	0.7098, 0.6784, 1.0000
CMYK	0.10, 0.00, 1.00, 0.68
HSL	66°, 100%, 16%
HSV	66°, 100%, 32%
XYZ	5.8413, 7.4904, 1.1379
YIQ	70.2600, 21.5540, -27.1980

Conversions

Conversions Part 2

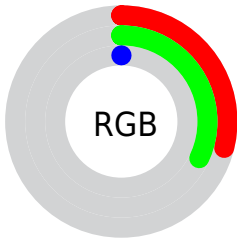
Format	Color
RYB	0, 82, 8
Decimal	4870656
CIELab	32.90, -13.45, 40.58
CIELCh	33, 42.752, 108.341
Yxy	7.4904, 0.4037, 0.5177
Android (android.graphics.Color)	4283060736 (0xFF4A5200)
YUV	70.2600, -34.6382, 3.2800
Hunter-Lab	27.3687, -9.7976, 16.6929

Details

The Hex color **4A5200** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **080052**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **7E8335**, and **1A2500** is the 20% darker color. If you saturate the color by 10%, you get **4A5200**, and if you desaturate by 10%, it is **4B5208**.

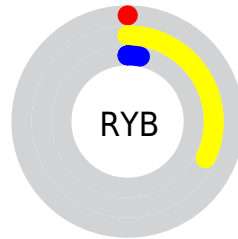
Distribution



Red (29%)

Green (32%)

Blue (0%)



Red (0%)

Yellow (32%)

Blue (3%)

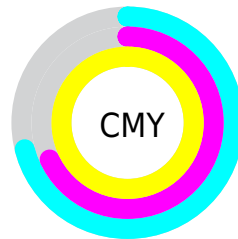


Cyan (10%)

Magenta (0%)

Yellow (100%)

Black (68%)



Cyan (71%)

Magenta (68%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A5200 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 4A5200 by changing the saturation by 10% instead.

 4A5200

 4A5200

 FFFFEF

 323B00

 7E8335

 1A2500

 989D4E

 001200

 B4B867

 000000

 D0D481

 EDF09B

 FFFFB7

 FFFFD3

 4A5200

■ 4B5208

■ 4C5210

■ 4C5219

■ 4D5221

■ 4E5229

■ 4F5231

■ 505239

■ 505242

■ 51524A

Harmonies

Analogous

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



694701



4A5200



1F591D

Triad

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



4A5200



005B7F



832D5C

Complementary

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



4A5200



080052

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.



693B7B



4A5200



005590

Square

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



4A5200



005D62



314A8E



892C3A

Rectangle

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



4A5200



005B33



314A8E



7D3167

Sweetspot

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



4A5200



686B4B



520700



343622



B5B5B5



363636

Same Dimension

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



4A5200



616B00



225200



282925



5E6900



D1E800

Inverse Universe

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



080052



0A006B



300052



252529



0A0069



1700E8

Previews

White Background



This preview shows how the Hex color 4A5200 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

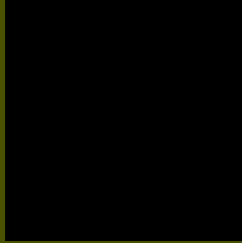
Any Text WCAG AA × Fail

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 4A5200 Background



This preview shows how black text looks on a background with the Hex color 4A5200.



This preview shows how white text looks on a background with the Hex color 4A5200.

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
4A5200

Protanopia
574E00

Deuteranopia
624A0E



Tritanopia
504C52

Trichromacy



Original Color
4A5200

Protanomaly
524F00

Deuteranomaly
594D09

Tritanomaly
4E4E34

Monochromacy



Original Color
4A5200

Achromatopsia
464646

Achromatomaly
474A2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A5200 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 #4A5200 looks like.

```
.text, #text, p{  
    color:#4A5200  
}
```

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 #4A5200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A5200
}
```

Border

The CSS property to change the border of an element to Hex 4A5200 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
#4A5200 }
```

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

```
.border{ border-color:#4A5200 }
```

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

Here you see how a box with a 4 pixel #4A5200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A5200; -webkit-box-shadow:4px 4px  
4px 4px #4A5200; box-shadow:4px 4px 4px  
4px #4A5200 }
```

Background

The CSS property to change the background color of an element to Hex 4A5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A5200 }
```

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

```
.background{ background-color:#4A5200 }
```

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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