

Converting Colors

Hex(CA8432)

Have a look what the booklet for
Hex(CA8432) contains.

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Color

Hex(CA8432)

Conversions

Conversions Part 1

Format	Color
Hex	CA8432
RGB	202, 132, 50
RGB Percent	79%, 52%, 20%
CMY	0.2078, 0.4824, 0.8039
CMYK	0.00, 0.35, 0.75, 0.21
HSL	32°, 60%, 49%
HSV	32°, 75%, 79%
XYZ	33.1841, 29.2894, 6.9220
YIQ	143.5820, 68.0420, -10.6620

Conversions

Conversions Part 2

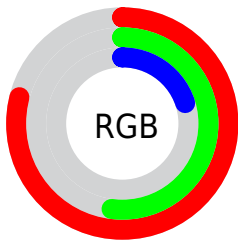
Format	Color
R_{YB}	180, 202, 50
Decimal	13272114
CIE _{Lab}	61.04, 20.02, 53.00
CIE _{LCh}	61, 56.655, 69.305
Y _{xy}	29.2894, 0.4782, 0.4221
Android (android.graphics.Color)	4291462194 (0xFFCA8432)
YUV	143.5820, -46.1359, 51.2326
Hunter-Lab	54.1197, 14.7400, 30.3004

Details

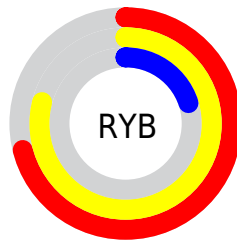
The Hex color **CA8432** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **3278CA**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FFB965**, and **8F5200** is the 20% darker color. If you saturate the color by 10%, you get **CA7B1E**, and if you desaturate by 10%, it is **CA8D46**.

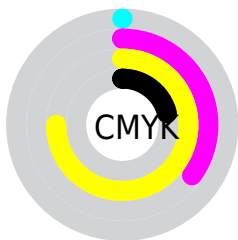
Distribution



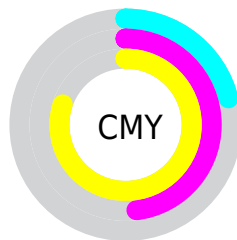
- Red (79%)
- Green (52%)
- Blue (20%)



- Red (71%)
- Yellow (79%)
- Blue (20%)



- Cyan (0%)
- Magenta (35%)
- Yellow (75%)
- Black (21%)



- Cyan (21%)
- Magenta (48%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA8432 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 CA8432 by changing the saturation by 10% instead.

 CA8432

 CA8432

FFFFFF

 AC6B17

 FFB965

 8F5200

 FFD580

 723B00

 FFF19A

 562500

 FFFFB6

 3B1000

 FFFF02

 240000

 FFFF00

 000000

 CA8432

 CA8432

 CA7B1E

 CA8D46

■ CA710A

■ CA975A

■ CA6D00

■ CAA06F

■ CAA983

■ CAB397

■ CAB CAB

■ CAC5BF

■ CACED4

■ CAD8E8

Harmonies

Analogous

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



E77056



CA8432



9F9627

Triad

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



CA8432



00ACA2



AA7FE1

Complementary

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



CA8432



3278CA

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.



4C94F6



CA8432



00AAD2

Square

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



CA8432



00A96E



00A2F1



DC6CB8

Rectangle

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



CA8432



7D9F35



00A2F1



9287EB

Sweetspot

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



CA8432



FFE4C4



CA3279



806F5C



000000



808080

Same Dimension

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



CA8432



FF9519



C5CA32



66615C



A65900



261500

Inverse Universe

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



3278CA



1983FF



3732CA



5C6066



004CA6



001226

Previews

White Background



This preview shows how the Hex color CA8432 looks on a white background.

Color Contrast Check

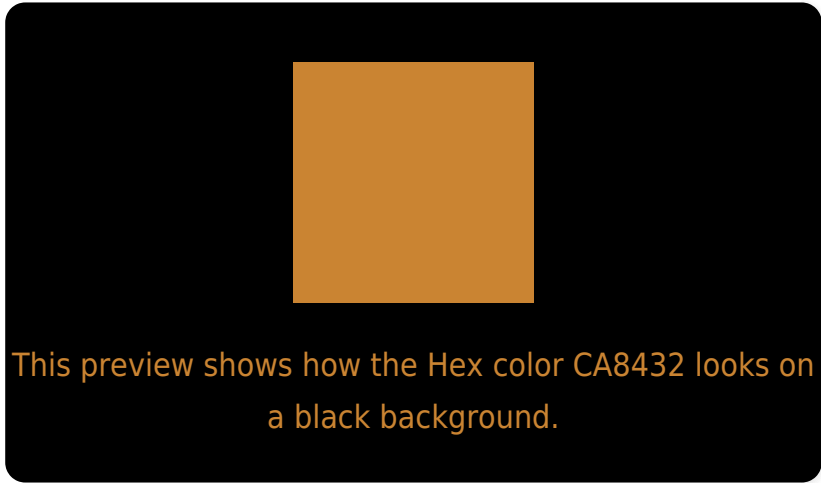
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

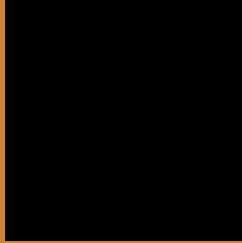
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex CA8432 Background



This preview shows how black text looks on a background with the Hex color CA8432.



This preview shows how white text looks on a background with the Hex color CA8432.

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
CA8432

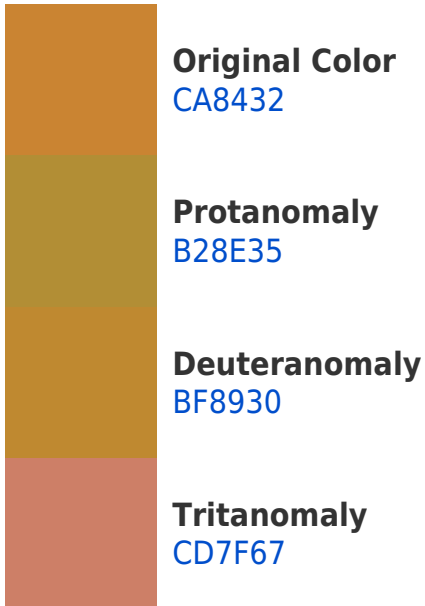
Protanopia
A59436

Deuteranopia
B98C2F

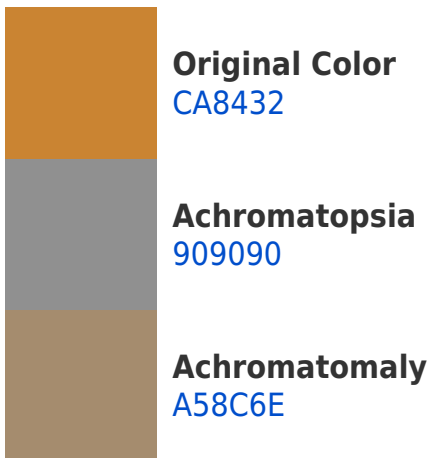


Tritanopia
CF7C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA8432 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 #CA8432 looks like.

```
.text, #text, p{  
    color:#CA8432  
}
```

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 #CA8432 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA8432
}
```

Border

The CSS property to change the border of an element to Hex CA8432 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
#CA8432 }
```

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

```
.border{ border-color:#CA8432 }
```

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

Here you see how a box with a 4 pixel #CA8432 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA8432; -webkit-box-shadow:4px 4px  
4px 4px #CA8432; box-shadow:4px 4px 4px  
4px #CA8432 }
```

Background

The CSS property to change the background color of an element to Hex CA8432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA8432 }
```

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

```
.background{ background-color:#CA8432 }
```

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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