

Converting Colors

Hex(CA8566)

Have a look what the booklet for
Hex(CA8566) contains.

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Color

Hex(CA8566)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | CA8566 |
| RGB | 202, 133, 102 |
| RGB Percent | 79%, 52%, 40% |
| CMY | 0.2078, 0.4784, 0.6000 |
| CMYK | 0.00, 0.34, 0.50, 0.21 |
| HSL | 19°, 49%, 60% |
| HSV | 19°, 50%, 79% |
| XYZ | 35.1429, 30.2909, 16.5649 |
| YIQ | 150.0970, 51.0750, 4.9870 |

Conversions

Conversions Part 2

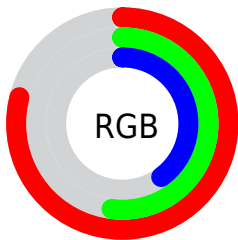
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 202, 147, 102 |
| Decimal | 13272422 |
| CIE Lab | 61.90, 23.07, 27.55 |
| CIE LCh | 62, 35.937, 50.053 |
| Yxy | 30.2909, 0.4286, 0.3694 |
| Android (android.graphics.Color) | 4291462502 (0xFFCA8566) |
| YUV | 150.0970, -23.7118, 45.5189 |
| Hunter-Lab | 55.0372, 17.6626, 20.6812 |

Details

The Hex color **CA8566** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **66ABCA**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FFBB99**, and **915337** is the 20% darker color. If you saturate the color by 10%, you get **CA7752**, and if you desaturate by 10%, it is **CA937A**.

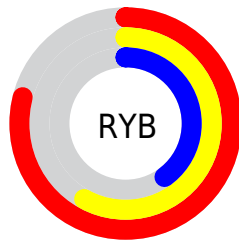
Distribution



Red (79%)

Green (52%)

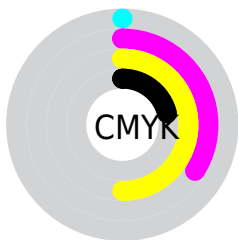
Blue (40%)



Red (79%)

Yellow (58%)

Blue (40%)

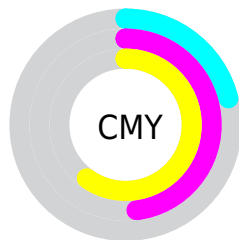


Cyan (0%)

Magenta (34%)

Yellow (50%)

Black (21%)



Cyan (21%)

Magenta (48%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA8566 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 CA8566 by changing the saturation by 10% instead.

 CA8566

 CA8566

FFFFFF

 AD6B4E

 FFBB99

 915337

 FFD6B4

 753B20

 FFF3D0

 5A240A

 FFFFEC

 400E00

 280000

 000000

 CA8566

 CA8566

 CA7752

 CA937A

CA693E

CAA18E

CA5B29

CAAFA3

CA4D15

CABDB7

CA3F01

CACBCB

CA3F00

CAD9DF

CAE7F3

CAF5FF

CAFFFF

Harmonies

Analogous

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



D37D81



CA8566



B49057

Triad

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



CA8566



45A68A



8991D1

Complementary

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



CA8566



66ABCA

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.



529CD4



CA8566



00A6AA

Square

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



CA8566



70A26C



00A3C5



B386BF

Rectangle

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



CA8566



A09756



00A3C5



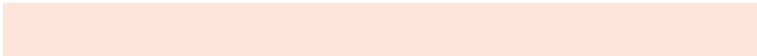
7895D4

Sweetspot

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



CA8566



FFE5D9



CA66AC



807069



000000



808080

Same Dimension

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



CA8566



FF9769



CAB666



665F5C



A63300



260C00

Inverse Universe

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



66ABCA



69D0FF



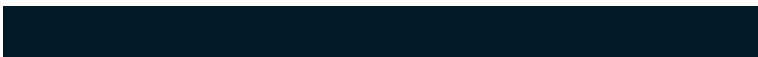
667ACA



5C6366



0072A6



001A26

Previews

White Background



This preview shows how the Hex color CA8566 looks on a white background.

Color Contrast Check

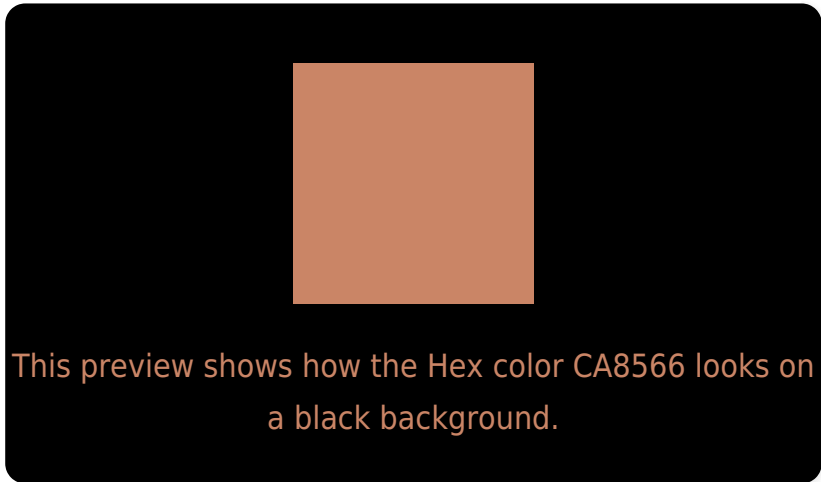
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

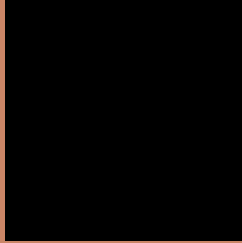
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex CA8566 Background



This preview shows how black text looks on a background with the Hex color CA8566.

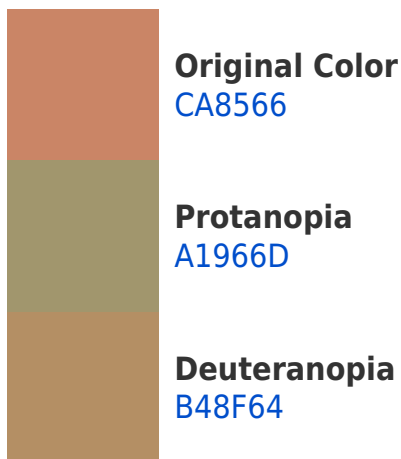



This preview shows how white text looks on a background with the Hex color CA8566.

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](#).

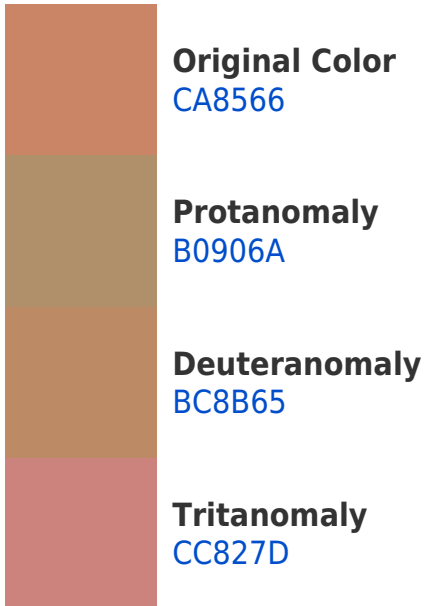
Dichromacy





Tritanopia
CD808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CA8566 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 #CA8566 looks like.

```
.text, #text, p{  
    color:#CA8566  
}
```

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 #CA8566 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA8566
}
```

Border

The CSS property to change the border of an element to Hex CA8566 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
#CA8566 }
```

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

```
.border{ border-color:#CA8566 }
```

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

Here you see how a box with a 4 pixel #CA8566 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA8566; -webkit-box-shadow:4px 4px  
4px 4px #CA8566; box-shadow:4px 4px 4px  
4px #CA8566 }
```

Background

The CSS property to change the background color of an element to Hex CA8566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA8566 }
```

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

```
.background{ background-color:#CA8566 }
```

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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