

Converting Colors

Hex(C5A668)

Have a look what the booklet for
Hex(C5A668) contains.

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Color

Hex(C5A668)

Conversions

Conversions Part 1

Format	Color
Hex	C5A668
RGB	197, 166, 104
RGB Percent	77%, 65%, 41%
CMY	0.2275, 0.3490, 0.5922
CMYK	0.00, 0.16, 0.47, 0.23
HSL	40°, 44%, 59%
HSV	40°, 47%, 77%
XYZ	39.1609, 40.1422, 18.7809
YIQ	168.2010, 38.3780, -12.7100

Conversions

Conversions Part 2

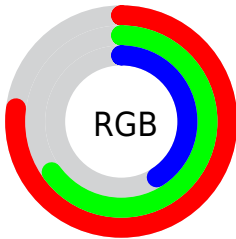
Format	Color
RYB	151, 197, 104
Decimal	12953192
CIELab	69.57, 3.22, 36.20
CIElCh	70, 36.347, 84.923
Yxy	40.1422, 0.3993, 0.4093
Android (android.graphics.Color)	4291143272 (0xFFC5A668)
YUV	168.2010, -31.6511, 25.2567
Hunter-Lab	63.3579, -0.5473, 26.7754

Details

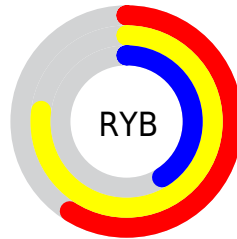
The Hex color **C5A668** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **6887C5**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFDD9C**, and **8D7237** is the 20% darker color. If you saturate the color by 10%, you get **C59F54**, and if you desaturate by 10%, it is **C5AD7C**.

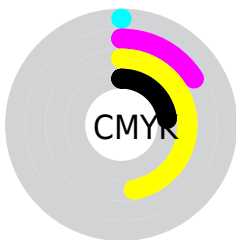
Distribution



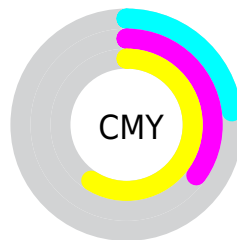
- Red (77%)
- Green (65%)
- Blue (41%)



- Red (59%)
- Yellow (77%)
- Blue (41%)



- Cyan (0%)
- Magenta (16%)
- Yellow (47%)
- Black (23%)



- Cyan (23%)
- Magenta (35%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5A668 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 C5A668 by changing the saturation by 10% instead.

 C5A668

FFFFFF

 FFDD9C

 FFF9B7

 FFFFFD3

 FFFFF0

 C5A668

 A98C4F

 8D7237

 725A20

 584306

 3F2D00

 261800

 040000

 000000

 C5A668

 C5A668

 C59F54

 C5AD7C

 C59941

 C5B38F

 C5922D

 C5BAA3

 C58C19

 C5C0B7

 C58506

 C5C7CB

 C58300

 C5CDDE

 C5D4F2

 C5DBFF

 C5E1FF

Harmonies

Analogous

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



DE9B75



C5A668



A4B06D

Triad

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



C5A668



2ABBC5



CE98D0

Complementary

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



C5A668



6887C5

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.



A6A3E6



C5A668



3AB7DF

Square

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



C5A668



53BBA3



71AFEB



E691B1

Rectangle

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



C5A668



8AB67A



71AFEB



C39BD9

Sweetspot

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



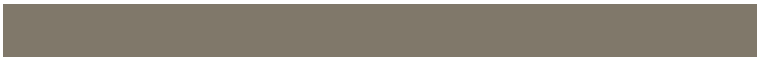
C5A668



FFF3DB



C56887



80786A



000000



808080

Same Dimension

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



C5A668



FFCF6E



B6C568



63605A



A36D00



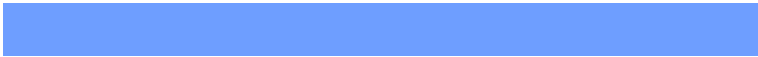
241800

Inverse Universe

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



6887C5



6E9EFF



7768C5



5A5D63



0036A3



000C24

Previews

White Background



This preview shows how the Hex color C5A668 looks on a white background.

Color Contrast Check

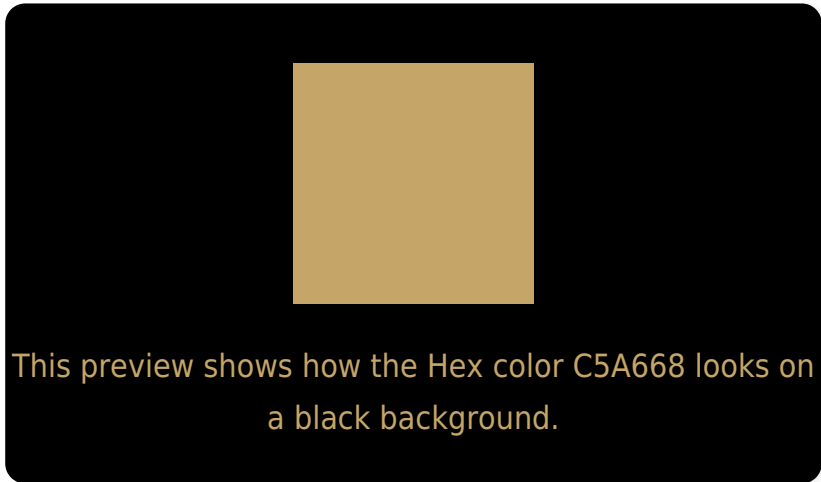
Large Text (above 18pt) WCAG AA × Fail

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 C5A668 Background



This preview shows how black text looks on a background with the Hex color C5A668.



This preview shows how white text looks on a background with the Hex color C5A668.

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
C5A668

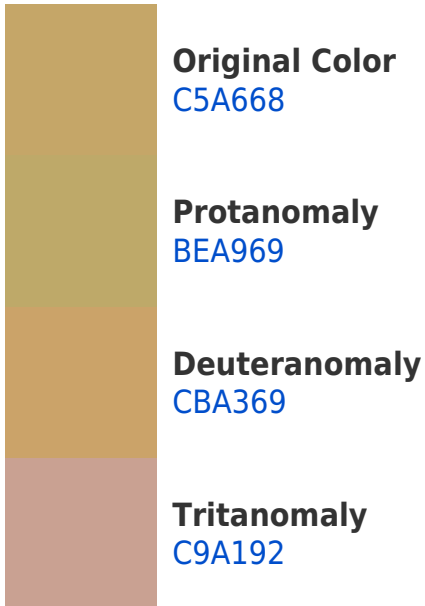
Protanopia
BAAA6A

Deuteranopia
CEA269

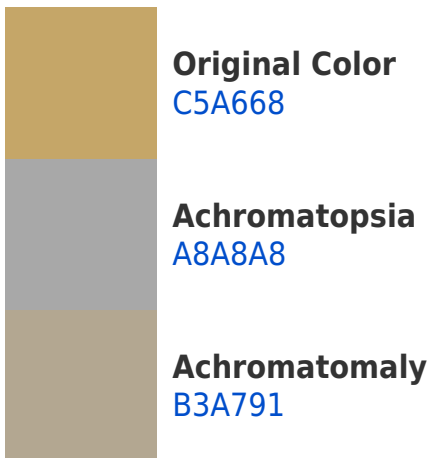


Tritanopia
CB9EAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C5A668 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 #C5A668 looks like.

```
.text, #text, p{  
    color:#C5A668  
}
```

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 #C5A668 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5A668  
}
```

Border

The CSS property to change the border of an element to Hex C5A668 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  
#C5A668 }
```

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

```
.border{ border-color:#C5A668 }
```

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

Here you see how a box with a 4 pixel #C5A668 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5A668; -webkit-box-shadow:4px 4px  
4px 4px #C5A668; box-shadow:4px 4px 4px  
4px #C5A668 }
```

Background

The CSS property to change the background color of an element to Hex C5A668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5A668 }
```

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

```
.background{ background-color:#C5A668 }
```

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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