

# Converting Colors

Hex(C8C458)

Have a look what the booklet for  
Hex(C8C458) contains.

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# **Color**

**Hex(C8C458)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C8C458
RGB	200, 196, 88
RGB Percent	78%, 77%, 35%
CMY	0.2157, 0.2314, 0.6549
CMYK	0.00, 0.02, 0.56, 0.22
HSL	58°, 50%, 56%
HSV	58°, 56%, 78%
XYZ	45.3208, 52.4638, 16.9704
YIQ	184.8840, 37.0520, -32.7400

# Conversions

## Conversions Part 2

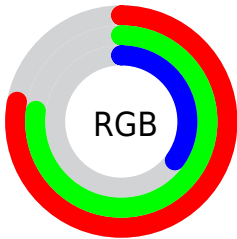
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 200, 88
Decimal	13157464
CIELab	77.56, -12.64, 53.67
CIELCh	78, 55.143, 103.254
Yxy	52.4638, 0.3949, 0.4572
Android (android.graphics.Color)	4291347544 (0xFFC8C458)
YUV	184.8840, -47.7638, 13.2567
Hunter-Lab	72.4319, -15.0680, 36.8110

# Details

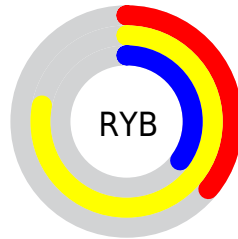
The Hex color **C8C458** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **585CC8**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFFC8D**, and **8F8F22** is the 20% darker color. If you saturate the color by 10%, you get **C8C344**, and if you desaturate by 10%, it is **C8C56C**.

# Distribution



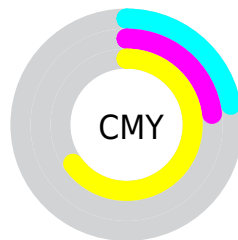
- Red (78%)
- Green (77%)
- Blue (35%)



- Red (36%)
- Yellow (78%)
- Blue (35%)



- Cyan (0%)
- Magenta (2%)
- Yellow (56%)
- Black (22%)



- Cyan (22%)
- Magenta (23%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C8C458 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 C8C458 by changing the saturation by 10% instead.



 C8C458

 C8C458

FFFFFF

 ABA93E

 FFFC8D

 8F8F22

 FFFFA9

 747500

 FFFFC5

 595D00

 FFFFE1

 404500

 262F00

 0A1B00

 000000

 C8C458

 C8C458

 C8C344

 C8C56C

 C8C330

 C8C580

 C8C21C

 C8C694

 C8C108

 C8C7A8

 C8C100

 C8C8BC

 C8C8D0

 C8C9E4

 C8CAF8

 C8CAFF

# Harmonies

## Analogous

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



F6B35C



C8C458



8FD172

# Triad

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



C8C458



00D7FF



FF99DE

# Complementary

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



C8C458



585CC8

# 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.



E1A9FF



C8C458



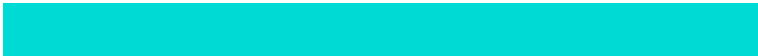
00CDFF

# Square

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



C8C458



00DAD5



93BDFE



FF95AB

# Rectangle

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



C8C458



5FD690



93BDFF



FF9DEF



# Sweetspot

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



C8C458



FFFDD4



C8585E



807F66



000000



808080



# Same Dimension

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



C8C458



FFF954



96C858



63635A



A39D00



242200



# Inverse Universe

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



585CC8



545AFF



8A58C8



5A5A63



0006A3



000124



# Previews

## White Background



This preview shows how the Hex color C8C458 looks on a white background.

## Color Contrast Check

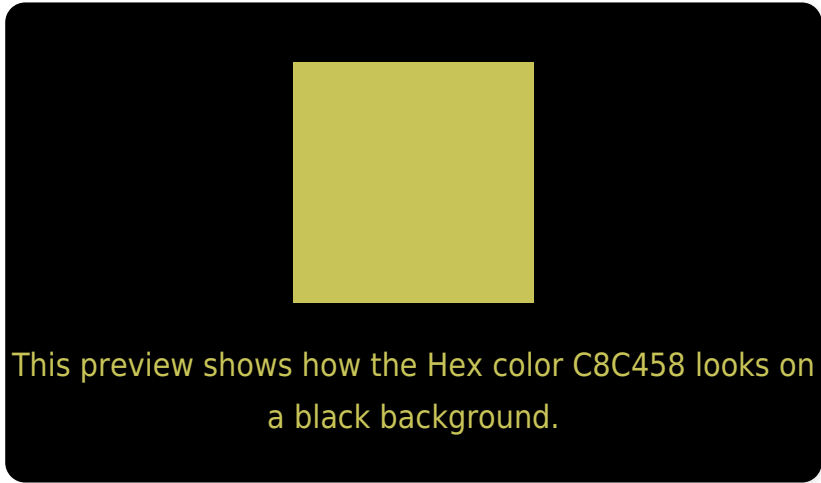
Large Text (above 18pt) WCAG AA × Fail

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 C8C458 Background



This preview shows how black text looks on a background with the Hex color C8C458.



This preview shows how white text looks on a background with the Hex color C8C458.

# 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**  
C8C458

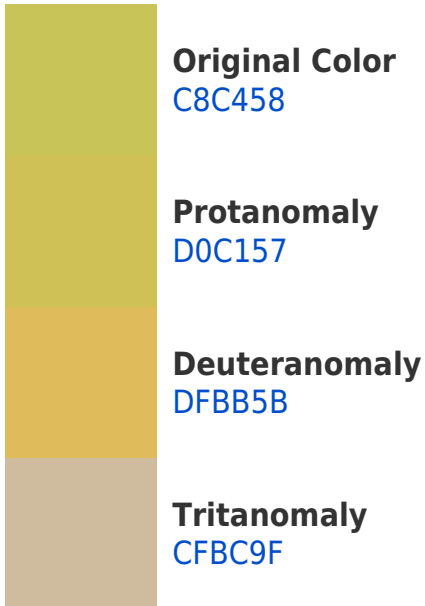
**Protanopia**  
D5C057

**Deuteranopia**  
ECB65C



**Tritanopia**  
D3B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C8C458 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 #C8C458 looks like.

```
.text, #text, p{  
    color:#C8C458  
}
```

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 #C8C458 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C8C458
}
```

## Border

The CSS property to change the border of an element to Hex C8C458 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
#C8C458 }
```

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

```
.border{ border-color:#C8C458 }
```

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

Here you see how a box with a 4 pixel #C8C458 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C8C458; -webkit-box-shadow:4px 4px  
4px 4px #C8C458; box-shadow:4px 4px 4px  
4px #C8C458 }
```

# Background

The CSS property to change the background color of an element to Hex C8C458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C8C458 }
```

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

```
.background{ background-color:#C8C458 }
```

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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