

# Converting Colors

Hex(D5C591)

Have a look what the booklet for  
Hex(D5C591) contains.

<b>Hex(D5C591)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(D5C591)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5C591
RGB	213, 197, 145
RGB Percent	84%, 77%, 57%
CMY	0.1647, 0.2275, 0.4314
CMYK	0.00, 0.08, 0.32, 0.16
HSL	46°, 45%, 70%
HSV	46°, 32%, 84%
XYZ	52.5177, 56.1230, 34.8529
YIQ	195.8560, 26.2280, -12.7800

# Conversions

## Conversions Part 2

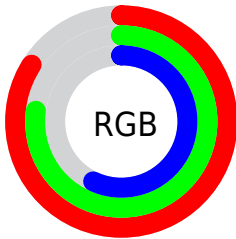
Format	Color
<a href="#">RYB</a>	<a href="#">166, 213, 145</a>
Decimal	<a href="#">14009745</a>
CIELab	<a href="#">79.68, -2.14, 28.16</a>
CIELCh	<a href="#">80, 28.241, 94.343</a>
Yxy	<a href="#">56.1230, 0.3660, 0.3911</a>
Android (android.graphics.Color)	<a href="#">4292199825 (0xFFD5C591)</a>
YUV	<a href="#">195.8560, -25.0720, 15.0353</a>
Hunter-Lab	<a href="#">74.9153, -5.9683, 24.8571</a>

# Details

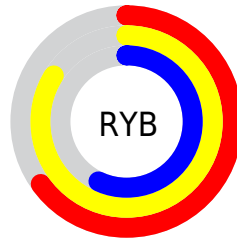
The Hex color **D5C591** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **91A1D5**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFFE C7**, and **9D8F5E** is the 20% darker color. If you saturate the color by 10%, you get **D5C07C**, and if you desaturate by 10%, it is **D5CAA6**.

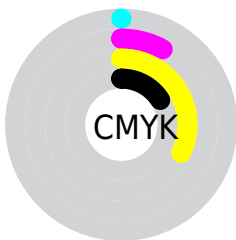
# Distribution



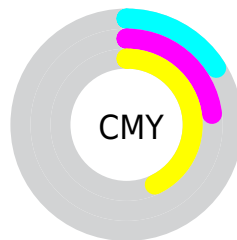
- Red (84%)
- Green (77%)
- Blue (57%)



- Red (65%)
- Yellow (84%)
- Blue (57%)



- Cyan (0%)
- Magenta (8%)
- Yellow (32%)
- Black (16%)



- Cyan (16%)
- Magenta (23%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5C591 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 D5C591 by changing the saturation by 10% instead.



 D5C591

 D5C591

FFFFFF

 B9AA77

 FFFEC7

 9D8F5E


 FFFFEE3

 837646

 695D2F

 504618

 383000

 211B00

 000000

 D5C591

 D5C591

 D5C07C

 D5CAA6

 D5BB66

 D5CFBC

 D5B651

 D5D4D1

 D5B13C

 D5D9E6

 D5AC26

 D5DEFB

 D5A711

 D5E3FF

 D5A300

 D5E8FF

 D5EDFF

 D5F2FF

# Harmonies

## Analogous

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



ECBC97



D5C591



B8CD99

# Triad

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



D5C591



78D3E2



EBB6DD

# Complementary

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



D5C591



91A1D5

# 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.



CFBDF1



D5C591



88CEF4

# Square

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



D5C591



81D4C9



AAC7FA



FAB2C3

# Rectangle

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



D5C591



A4D1A6



AAC7FA



E3B8E5



# Sweetspot

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



D5C591



FFF9E6



D591A2



807C70



000000



808080



# Same Dimension

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



D5C591



FFE89E



C4D591



6B6960



AB8300



2B2100



# Inverse Universe

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



91A1D5



9EB5FF



A291D5



60636B



0028AB



000A2B



# Previews

## White Background



This preview shows how the Hex color D5C591 looks on a white background.

## Color Contrast Check

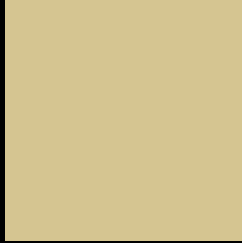
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color D5C591 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

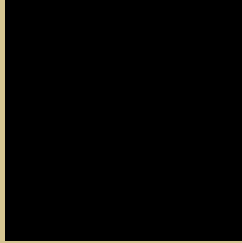
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

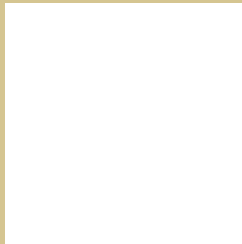
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D5C591 Background



This preview shows how black text looks on a background with the Hex color D5C591.

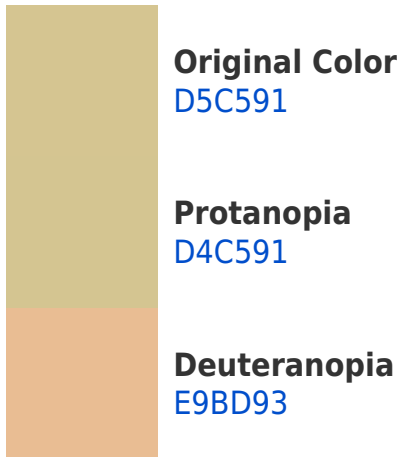


This preview shows how white text looks on a background with the Hex color D5C591.

# Color Blindness Simulation

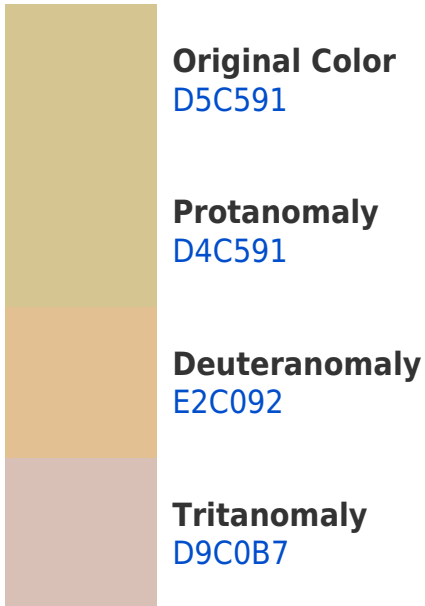
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

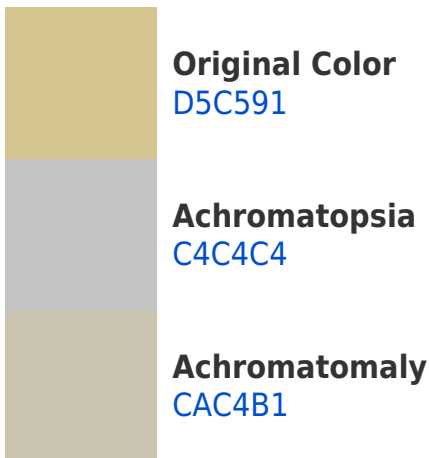




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5C591 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 #D5C591 looks like.

```
.text, #text, p{  
    color:#D5C591  
}
```

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 #D5C591 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5C591
}
```

## Border

The CSS property to change the border of an element to Hex D5C591 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
#D5C591 }
```

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

```
.border{ border-color:#D5C591 }
```

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

Here you see how a box with a 4 pixel #D5C591 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5C591; -webkit-box-shadow:4px 4px  
4px 4px #D5C591; box-shadow:4px 4px 4px  
4px #D5C591 }
```

# Background

The CSS property to change the background color of an element to Hex D5C591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5C591 }
```

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

```
.background{ background-color:#D5C591 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor