

# Converting Colors

Hex(D5C517)

Have a look what the booklet for  
Hex(D5C517) contains.

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**Color**

**Hex(D5C517)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5C517
RGB	213, 197, 23
RGB Percent	84%, 77%, 9%
CMY	0.1647, 0.2275, 0.9098
CMYK	0.00, 0.08, 0.89, 0.16
HSL	55°, 81%, 46%
HSV	55°, 89%, 84%
XYZ	47.5615, 54.1405, 8.7540
YIQ	181.9480, 65.3900, -50.7220

# Conversions

## Conversions Part 2

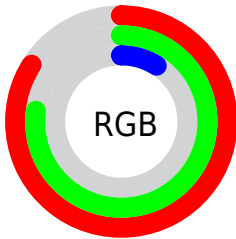
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 213, 23
Decimal	14009623
CIELab	78.54, -10.56, 76.69
CIELCh	79, 77.410, 97.840
Yxy	54.1405, 0.4306, 0.4902
Android (android.graphics.Color)	4292199703 (0xFFD5C517)
YUV	181.9480, -78.3614, 27.2326
Hunter-Lab	73.5802, -13.3849, 44.4523

# Details

The Hex color **D5C517** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as middle washed yellow. A complement of this color would be **1727D5**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFFD5B**, and **9A9000** is the 20% darker color. If you saturate the color by 10%, you get **D5C302**, and if you desaturate by 10%, it is **D5C72C**.

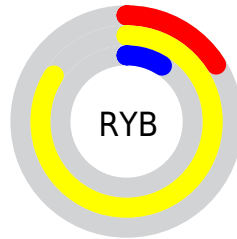
# Distribution



Red (84%)

Green (77%)

Blue (9%)



Red (16%)

Yellow (84%)

Blue (9%)

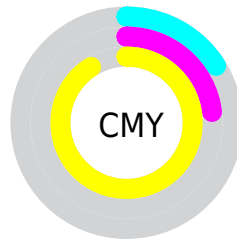


Cyan (0%)

Magenta (8%)

Yellow (89%)

Black (16%)



Cyan (16%)

Magenta (23%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5C517 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 D5C517 by changing the saturation by 10% instead.



 D5C517

 D5C517

FFFFFF

 B7AA00

 FFFD5B

 9A9000

 FFFF78

 7D7600

 FFFF95

 615E00

 FFFFB1

 454700

 FFFFCE

 2B3000

 FFFFEC

 121C00

 000000

 D5C517

 D5C517

 D5C302

 D5C72C

 D5C300

 D5C942

 D5CA57

 D5CC6C

 D5CE82

 D5D097

 D5D2AC

 D5D3C1

 D5D5D7

# Harmonies

## Analogous

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



FFAB34



D5C517



88D746

# Triad

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



D5C517



00E2FF



FF88FA

# Complementary

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



D5C517



1727D5

# 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.



DDA7FF



D5C517



00D8FF

# Square

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



D5C517



00E4D4



34C4FF



FF7BB2

# Rectangle

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



D5C517



31DE71



34C4FF



FF91FF



# Sweetspot

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



D5C517



FFF9BA



D5172A



807C57



000000



808080



# Same Dimension

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



D5C517



FFEA00



89D517



6B6A60



AB9C00



2B2800



# Inverse Universe

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



1727D5



0015FF



6317D5



60616B



000EAB



00042B



# Previews

## White Background



This preview shows how the Hex color D5C517 looks on a white background.

## Color Contrast Check

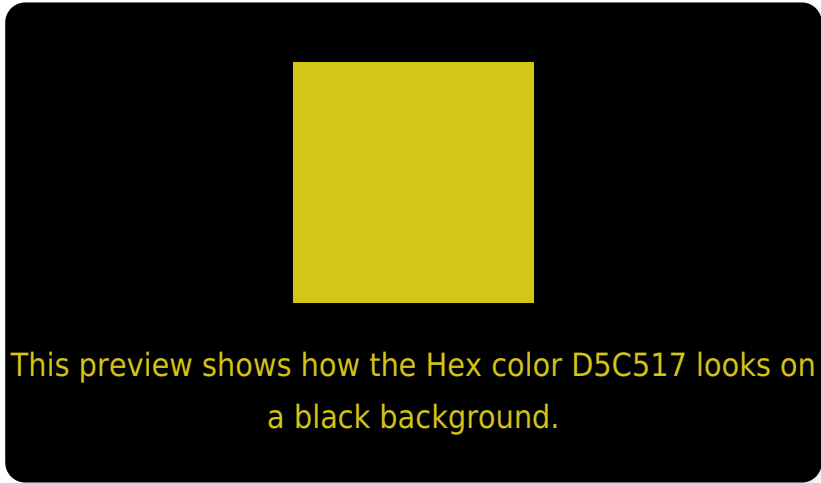
Large Text (above 18pt) WCAG AA × Fail

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 D5C517 Background



This preview shows how black text looks on a background with the Hex color D5C517.

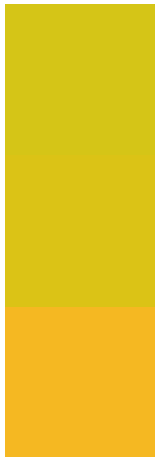


This preview shows how white text looks on a background with the Hex color D5C517.

# 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**  
D5C517

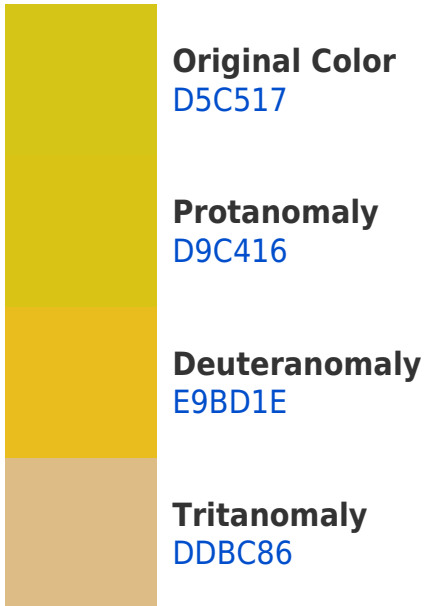
**Protanopia**  
DBC316

**Deuteranopia**  
F5B822



**Tritanopia**  
E1B7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5C517 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 #D5C517 looks like.

```
.text, #text, p{  
    color:#D5C517  
}
```

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 #D5C517 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5C517
}
```

## Border

The CSS property to change the border of an element to Hex D5C517 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
#D5C517 }
```

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

```
.border{ border-color:#D5C517 }
```

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

Here you see how a box with a 4 pixel #D5C517 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5C517; -webkit-box-shadow:4px 4px  
4px 4px #D5C517; box-shadow:4px 4px 4px  
4px #D5C517 }
```

# Background

The CSS property to change the background color of an element to Hex D5C517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5C517 }
```

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

```
.background{ background-color:#D5C517 }
```

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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