

# Converting Colors

Hex(D5B634)

Have a look what the booklet for  
Hex(D5B634) contains.

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**Color**

**Hex(D5B634)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5B634
RGB	213, 182, 52
RGB Percent	84%, 71%, 20%
CMY	0.1647, 0.2863, 0.7961
CMYK	0.00, 0.15, 0.76, 0.16
HSL	48°, 66%, 52%
HSV	48°, 76%, 84%
XYZ	44.7884, 47.8500, 10.1242
YIQ	176.4490, 60.2060, -33.8580

# Conversions

## Conversions Part 2

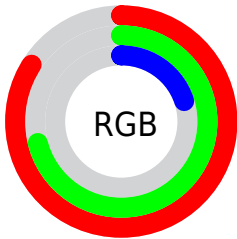
Format	Color
<b>RYB</b>	90, 213, 52
Decimal	14005812
CIELab	74.73, -1.99, 65.82
CIELCh	75, 65.854, 91.734
Yxy	47.8500, 0.4358, 0.4656
Android (android.graphics.Color)	4292195892 (0xFFD5B634)
YUV	176.4490, -61.3534, 32.0552
Hunter-Lab	69.1737, -5.4793, 39.7440

# Details

The Hex color **D5B634** is a light color, and the websafe version is hex **CC9900**. The color can be described as light muted orange. A complement of this color would be **3453D5**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFEE6C**, and **9A8200** is the 20% darker color. If you saturate the color by 10%, you get **D5B21F**, and if you desaturate by 10%, it is **D5BA49**.

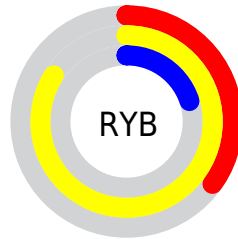
# Distribution



Red (84%)

Green (71%)

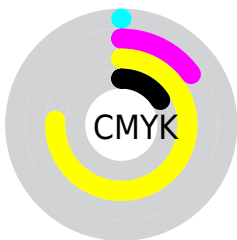
Blue (20%)



Red (35%)

Yellow (84%)

Blue (20%)

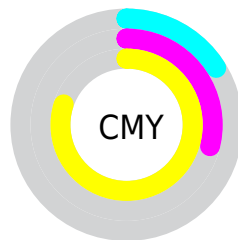


Cyan (0%)

Magenta (15%)

Yellow (76%)

Black (16%)



Cyan (16%)

Magenta (29%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D5B634 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 D5B634 by changing the saturation by 10% instead.



 D5B634

 D5B634

FFFFFF

 B79B11

 FFEE6C

 9A8200

 FFFF87

 7E6900

 FFFFA3

 625100

 FFFF00

 473A00

 FFFFDC

 2D2500

 FFFFFA

 131100

 000000

 D5B634

 D5B634

 D5B21F

 D5BA49

 D5AE09

 D5BE5F

 D5AC00

 D5C274

 D5C689

 D5CB9F

 D5CFB4

 D5D3C9

 D5D7DE

 D5DBF4

# Harmonies

## Analogous

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



FF9F4C



D5B634



97C749

# Triad

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



D5B634



00D4F6



FF8DF2

# Complementary

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



D5B634



3453D5

# 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.



BEA6FF



D5B634



00CDFF

# Square

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



D5B634



00D5BA



22BEFF



FF80B7

# Rectangle

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



D5B634



62CE69



22BEFF



F195FF



# Sweetspot

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



D5B634



FFF4C4



D53454



80795C



000000



808080



# Same Dimension

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



D5B634



FFD217



A5D534



6B6960



AB8A00



2B2300



# Inverse Universe

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



3453D5



1744FF



6434D5



60626B



0021AB



00082B



# Previews

## White Background



This preview shows how the Hex color D5B634 looks on a white background.

## Color Contrast Check

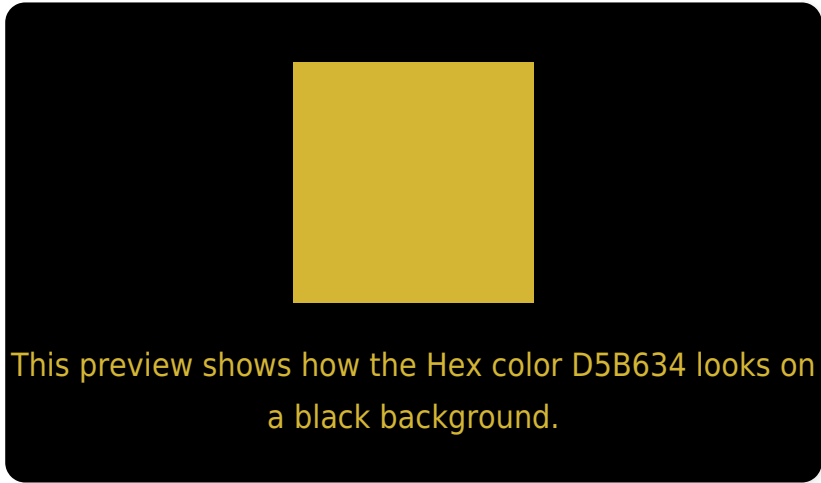
Large Text (above 18pt) WCAG AA × Fail

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 D5B634 Background



This preview shows how black text looks on a background with the Hex color D5B634.

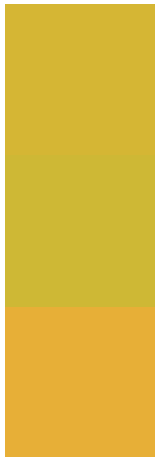


This preview shows how white text looks on a background with the Hex color D5B634.

# 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**  
D5B634

**Protanopia**  
CEB835

**Deuteranopia**  
E7AF37



**Tritanopia**  
DFAAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D5B634 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 #D5B634 looks like.

```
.text, #text, p{  
  color:#D5B634  
}
```

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 #D5B634 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D5B634
}
```

## Border

The CSS property to change the border of an element to Hex D5B634 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
#D5B634 }
```

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

```
.border{ border-color:#D5B634 }
```

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

Here you see how a box with a 4 pixel #D5B634 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D5B634; -webkit-box-shadow:4px 4px  
4px 4px #D5B634; box-shadow:4px 4px 4px  
4px #D5B634 }
```

# Background

The CSS property to change the background color of an element to Hex D5B634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D5B634 }
```

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

```
.background{ background-color:#D5B634 }
```

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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