

# Converting Colors

Hex(D2BB55)

Have a look what the booklet for  
Hex(D2BB55) contains.

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# **Color**

**Hex(D2BB55)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2BB55
RGB	210, 187, 85
RGB Percent	82%, 73%, 33%
CMY	0.1765, 0.2667, 0.6667
CMYK	0.00, 0.11, 0.60, 0.18
HSL	49°, 58%, 58%
HSV	49°, 60%, 82%
XYZ	45.9884, 49.8982, 15.8018
YIQ	182.2490, 46.4500, -26.8460

# Conversions

## Conversions Part 2

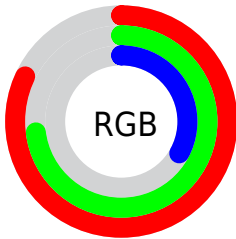
Format	Color
<a href="#">RYB</a>	<a href="#">113, 210, 85</a>
Decimal	<a href="#">13810517</a>
CIELab	<a href="#">76.01, -4.05, 53.53</a>
CIELCh	<a href="#">76, 53.683, 94.327</a>
Yxy	<a href="#">49.8982, 0.4118, 0.4468</a>
Android (android.graphics.Color)	<a href="#">4292000597</a> ( <a href="#">0xFFD2BB55</a> )
YUV	<a href="#">182.2490, -47.9438, 24.3376</a>
Hunter-Lab	<a href="#">70.6386, -7.4075, 36.1839</a>

# Details

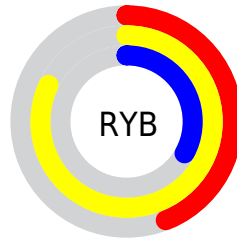
The Hex color **D2BB55** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **556CD2**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFF38A**, and **99861F** is the 20% darker color. If you saturate the color by 10%, you get **D2B740**, and if you desaturate by 10%, it is **D2BF6A**.

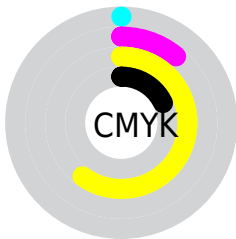
# Distribution



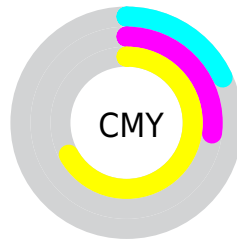
- Red (82%)
- Green (73%)
- Blue (33%)



- Red (44%)
- Yellow (82%)
- Blue (33%)



- Cyan (0%)
- Magenta (11%)
- Yellow (60%)
- Black (18%)



- Cyan (18%)
- Magenta (27%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2BB55 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 D2BB55 by changing the saturation by 10% instead.



 D2BB55

 D2BB55

FFFFFF

 B5A03B

 FFF38A

 99861F

 FFFFA5

 7D6D00

 FFFFC1

 625500

 FFFFDE

 473E00

 FFFFFB

 2E2900

 141500

 000000

 D2BB55

 D2BB55

 D2B740

 D2BF6A

 D2B32B

 D2C37F

 D2AF16

 D2C794

 D2AC01

 D2CAA9

 D2AB00

 D2CEBE

 D2D2D3

 D2D6E8

 D2DAFD

 D2DEFF

# Harmonies

## Analogous

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



FBA962



D2BB55



9EC966

# Triad

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



D2BB55



00D3F2



FE9AE7

# Complementary

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



D2BB55



556CD2

# 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.



C9ACFF



D2BB55



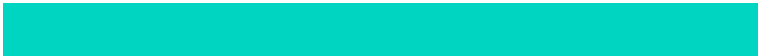
00CCFF

# Square

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



D2BB55



00D5C1



72BEFF



FF91B6

# Rectangle

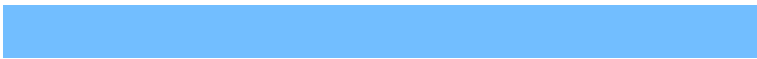
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D2BB55



75CF7F



72BEFF



F09FF6



# Sweetspot

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



D2BB55



FFF7D1



D2556E



807A63



000000



808080



# Same Dimension

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



D2BB55



FFDE4A



ACD255



69675E



A88900



292100



# Inverse Universe

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



556CD2



4A6BFF



7A55D2



5E6069



001FA8



000829



# Previews

## White Background



This preview shows how the Hex color D2BB55 looks on a white background.

## Color Contrast Check

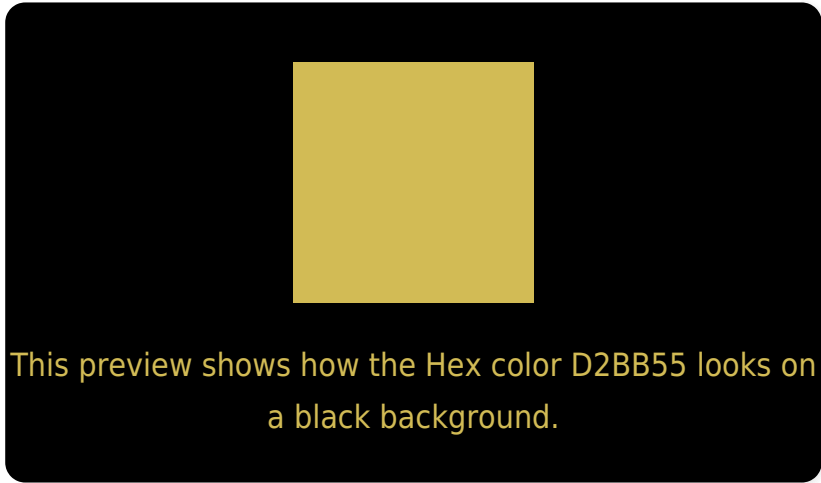
Large Text (above 18pt) WCAG AA × Fail

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 D2BB55 Background



This preview shows how black text looks on a background with the Hex color D2BB55.



This preview shows how white text looks on a background with the Hex color D2BB55.

# 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



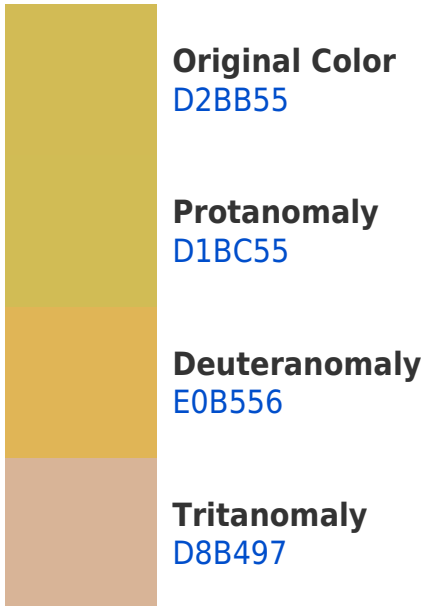
**Original Color**  
D2BB55

**Protanopia**  
D0BC55

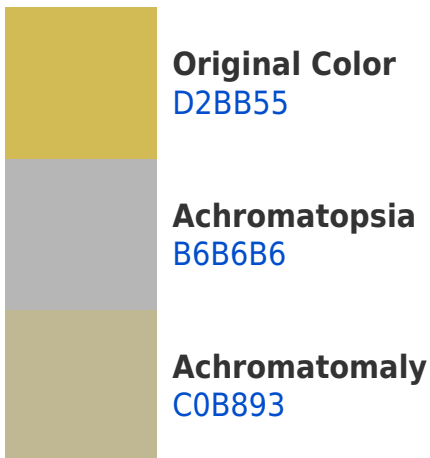
**Deuteranopia**  
E8B257



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2BB55 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 #D2BB55 looks like.

```
.text, #text, p{  
    color:#D2BB55  
}
```

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 #D2BB55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2BB55 }  
}
```

## Border

The CSS property to change the border of an element to Hex D2BB55 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 #D2BB55 }  
}
```

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

```
.border{ border-color:#D2BB55 }
```

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

Here you see how a box with a 4 pixel #D2BB55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2BB55; -webkit-box-shadow:4px 4px  
4px 4px #D2BB55; box-shadow:4px 4px 4px  
4px #D2BB55 }
```

# Background

The CSS property to change the background color of an element to Hex D2BB55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2BB55 }
```

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

```
.background{ background-color:#D2BB55 }
```

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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