

# Converting Colors

Hex(D2BA47)

Have a look what the booklet for  
Hex(D2BA47) contains.

<b>Hex(D2BA47)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(D2BA47)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2BA47
RGB	210, 186, 71
RGB Percent	82%, 73%, 28%
CMY	0.1765, 0.2706, 0.7216
CMYK	0.00, 0.11, 0.66, 0.18
HSL	50°, 61%, 55%
HSV	50°, 66%, 82%
XYZ	45.2746, 49.2744, 13.0859
YIQ	180.0660, 51.2190, -30.6770

# Conversions

## Conversions Part 2

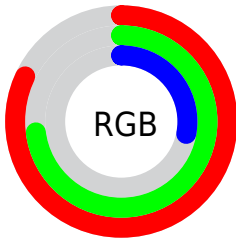
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 210, 71
Decimal	13810247
CIELab	75.62, -4.43, 59.27
CIELCh	76, 59.435, 94.277
Yxy	49.2744, 0.4206, 0.4578
Android (android.graphics.Color)	4292000327 (0xFFD2BA47)
YUV	180.0660, -53.7695, 26.2521
Hunter-Lab	70.1957, -7.7142, 38.0841

# Details

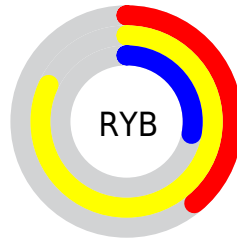
The Hex color **D2BA47** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **475FD2**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFF27D**, and **988507** is the 20% darker color. If you saturate the color by 10%, you get **D2B632**, and if you desaturate by 10%, it is **D2BE5C**.

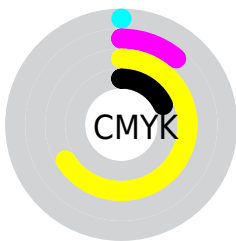
# Distribution



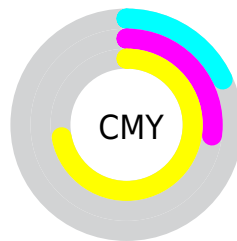
- Red (82%)
- Green (73%)
- Blue (28%)



- Red (39%)
- Yellow (82%)
- Blue (28%)



- Cyan (0%)
- Magenta (11%)
- Yellow (66%)
- Black (18%)



- Cyan (18%)
- Magenta (27%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D2BA47 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 D2BA47 by changing the saturation by 10% instead.



 D2BA47

 D2BA47

FFFFFF

 B59F2B

 FFF27D

 988507

 FFFF98

 7C6C00

 FFFFB4

 615400

 FFFF00

 463D00

 FFFF66

 2C2800

 121400

 000000

 D2BA47

 D2BA47

 D2B632

 D2BE5C

 D2B31D

 D2C171

 D2AF08

 D2C586

 D2AE00

 D2C99B

 D2CCB0

 D2D0C5

 D2D3DA

 D2D7EF

 D2DBFF

# Harmonies

## Analogous

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



FFA657



D2BA47



99C95B

# Triad

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



D2BA47



00D4F7



FF94EB

# Complementary

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



D2BA47



475FD2

# 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.



C8A9FF



D2BA47



00CDFF

# Square

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



D2BA47



00D6C1



60BEFF



FF8AB5

# Rectangle

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



D2BA47



69D078



60BEFF



F49AFB



# Sweetspot

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



D2BA47



FFF6CC



D24760



807A61



000000



808080



# Same Dimension

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



D2BA47



FFDC36



A6D247



69675E



A88B00



292200



# Inverse Universe

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



475FD2



3658FF



7347D2



5E6069



001DA8



000729



# Previews

## White Background



This preview shows how the Hex color D2BA47 looks on a white background.

## Color Contrast Check

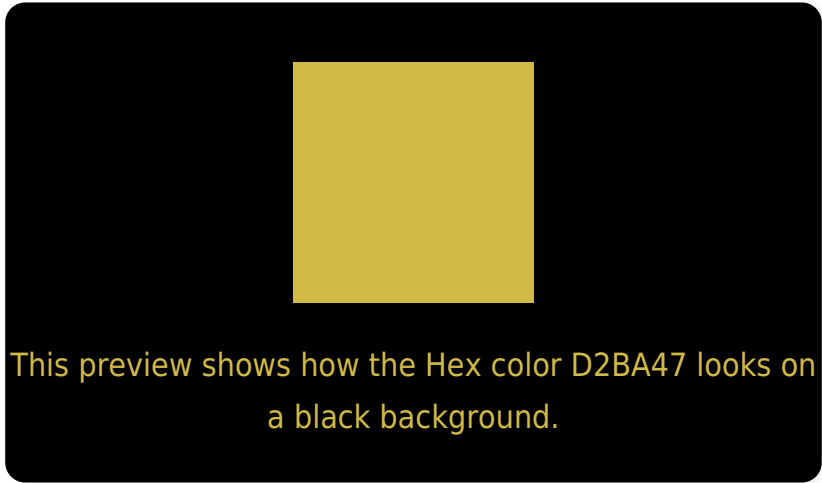
Large Text (above 18pt) WCAG AA × Fail

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 D2BA47 Background



This preview shows how black text looks on a background with the Hex color D2BA47.



This preview shows how white text looks on a background with the Hex color D2BA47.

# 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



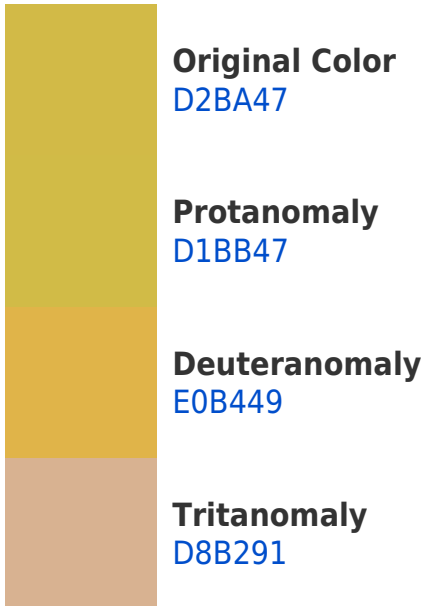
**Original Color**  
D2BA47

**Protanopia**  
D0BB47

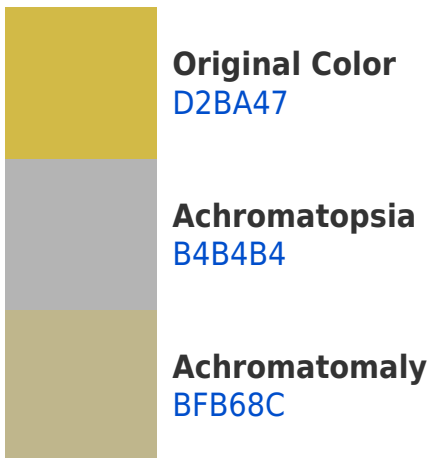
**Deuteranopia**  
E8B14A



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D2BA47 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 #D2BA47 looks like.

```
.text, #text, p{  
    color:#D2BA47  
}
```

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 #D2BA47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D2BA47
}
```

## Border

The CSS property to change the border of an element to Hex D2BA47 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
#D2BA47 }
```

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

```
.border{ border-color:#D2BA47 }
```

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

Here you see how a box with a 4 pixel #D2BA47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D2BA47; -webkit-box-shadow:4px 4px  
4px 4px #D2BA47; box-shadow:4px 4px 4px  
4px #D2BA47 }
```

# Background

The CSS property to change the background color of an element to Hex D2BA47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D2BA47 }
```

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

```
.background{ background-color:#D2BA47 }
```

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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