

# Converting Colors

Hex(D7B625)

Have a look what the booklet for  
Hex(D7B625) contains.

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**Color**

**Hex(D7B625)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7B625
RGB	215, 182, 37
RGB Percent	84%, 71%, 15%
CMY	0.1569, 0.2863, 0.8549
CMYK	0.00, 0.15, 0.83, 0.16
HSL	49°, 71%, 49%
HSV	49°, 83%, 84%
XYZ	45.0862, 48.0365, 8.6459
YIQ	175.3370, 66.2130, -38.0990

# Conversions

## Conversions Part 2

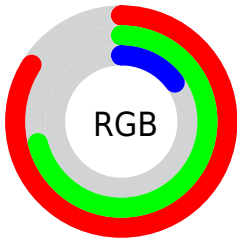
Format	Color
<a href="#">RYB</a>	<a href="#">78, 215, 37</a>
Decimal	<a href="#">14136869</a>
CIELab	<a href="#">74.85, -1.64, 70.67</a>
CIELCh	<a href="#">75, 70.690, 91.329</a>
Yxy	<a href="#">48.0365, 0.4430, 0.4720</a>
Android (android.graphics.Color)	<a href="#">4292326949 (0xFFD7B625)</a>
YUV	<a href="#">175.3370, -68.2001, 34.7845</a>
Hunter-Lab	<a href="#">69.3084, -5.1726, 41.1197</a>

# Details

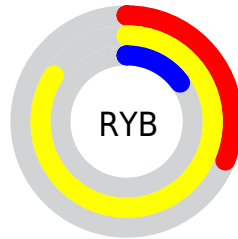
The Hex color **D7B625** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **2546D7**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFEE61**, and **9C8200** is the 20% darker color. If you saturate the color by 10%, you get **D7B210**, and if you desaturate by 10%, it is **D7BA3B**.

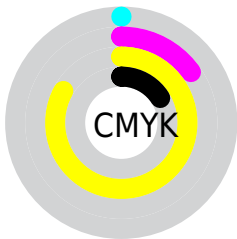
# Distribution



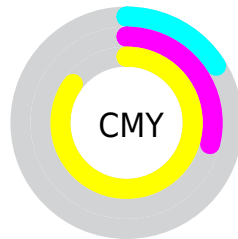
- Red (84%)
- Green (71%)
- Blue (15%)



- Red (31%)
- Yellow (84%)
- Blue (15%)



- Cyan (0%)
- Magenta (15%)
- Yellow (83%)
- Black (16%)



- Cyan (16%)
- Magenta (29%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7B625 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 D7B625 by changing the saturation by 10% instead.



 D7B625

 D7B625

FFFFFF

 B99B00

 FFEE61

 9C8200

 FFFF7D

 7F6900

 FFFF99

 635100

 FFFFB5

 473A00

 FFFFD2

 2E2500

 FFFFEF

 141100

 000000

 D7B625

 D7B625

 D7B210

 D7BA3B

 D7AF00

 D7BE50

 D7C266

 D7C67B

 D7CA91

 D7CEA6

 D7D2BC

 D7D6D1

 D7DAE7

# Harmonies

## Analogous

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



FF9D43



D7B625



95C83F

# Triad

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



D7B625



00D6FA



FF8AF8

# Complementary

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



D7B625



2546D7

# 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.



BCA6FF



D7B625



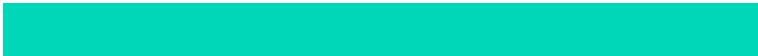
00CFFF

# Square

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



D7B625



00D7B9



00BFFF



FF7AB8

# Rectangle

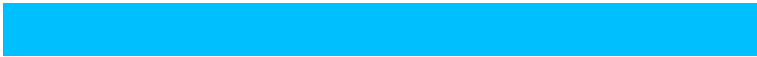
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D7B625



5AD062



00BFFF



F593FF



# Sweetspot

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



D7B625



FFF3BF



D72549



807859



000000



808080



# Same Dimension

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



D7B625



FFD003



A2D725



6B6960



AB8B00



2B2300



# Inverse Universe

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



2546D7



0331FF



5A25D7



60626B



0020AB



00082B



# Previews

## White Background



This preview shows how the Hex color D7B625 looks on a white background.

## Color Contrast Check

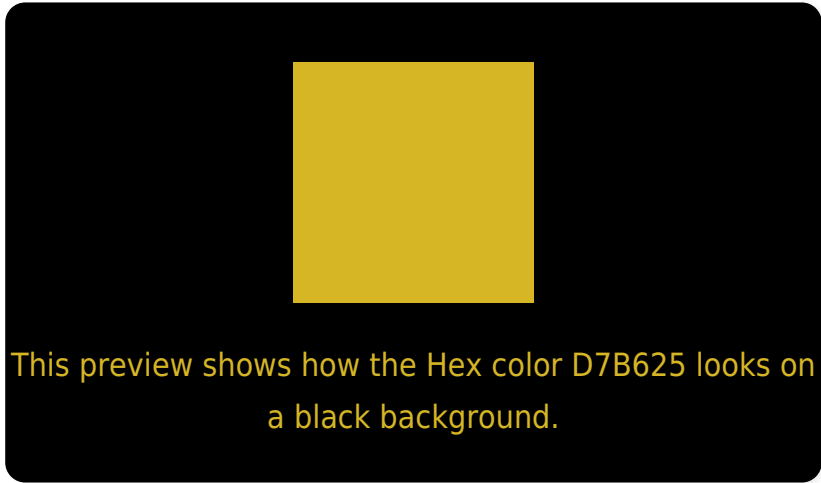
Large Text (above 18pt) WCAG AA × Fail

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 D7B625 Background



This preview shows how black text looks on a background with the Hex color D7B625.



This preview shows how white text looks on a background with the Hex color D7B625.

# 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**  
D7B625

**Protanopia**  
CFB926

**Deuteranopia**  
E8AF29

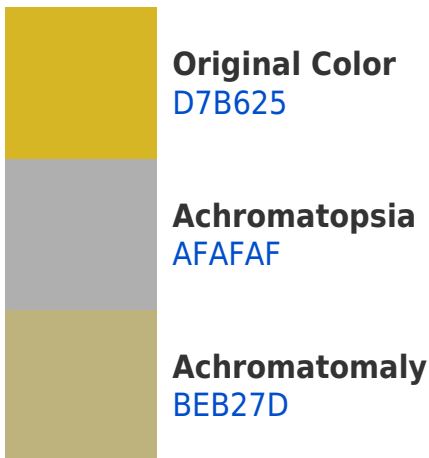


**Tritanopia**  
E1A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7B625 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 #D7B625 looks like.

```
.text, #text, p{  
    color:#D7B625  
}
```

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 #D7B625 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7B625
}
```

## Border

The CSS property to change the border of an element to Hex D7B625 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
#D7B625 }
```

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

```
.border{ border-color:#D7B625 }
```

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

Here you see how a box with a 4 pixel #D7B625 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7B625; -webkit-box-shadow:4px 4px  
4px 4px #D7B625; box-shadow:4px 4px 4px  
4px #D7B625 }
```

# Background

The CSS property to change the background color of an element to Hex D7B625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7B625 }
```

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

```
.background{ background-color:#D7B625 }
```

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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