

Converting Colors

Hex(D7C457)

Have a look what the booklet for
Hex(D7C457) contains.

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Color

Hex(D7C457)

Conversions

Conversions Part 1

Format	Color
Hex	D7C457
RGB	215, 196, 87
RGB Percent	84%, 77%, 34%
CMY	0.1569, 0.2314, 0.6588
CMYK	0.00, 0.09, 0.60, 0.16
HSL	51°, 62%, 59%
HSV	51°, 60%, 84%
XYZ	49.4846, 54.6150, 16.9505
YIQ	189.2550, 46.3130, -29.8710

Conversions

Conversions Part 2

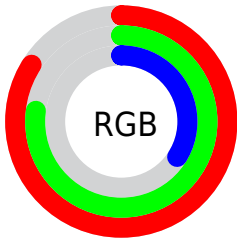
Format	Color
RYB	109, 215, 87
Decimal	14140503
CIELab	78.82, -6.47, 55.89
CIELCh	79, 56.264, 96.600
Yxy	54.6150, 0.4088, 0.4512
Android (android.graphics.Color)	4292330583 (0xFFD7C457)
YUV	189.2550, -50.4117, 22.5784
Hunter-Lab	73.9020, -9.8054, 38.1324

Details

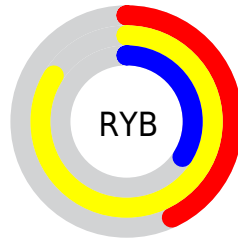
The Hex color **D7C457** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **576AD7**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFFC8C**, and **9D8F21** is the 20% darker color. If you saturate the color by 10%, you get **D7C142**, and if you desaturate by 10%, it is **D7C76D**.

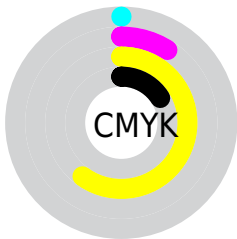
Distribution



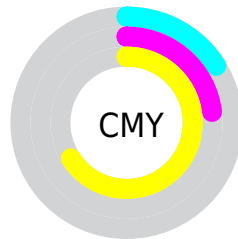
- Red (84%)
- Green (77%)
- Blue (34%)



- Red (43%)
- Yellow (84%)
- Blue (34%)



- Cyan (0%)
- Magenta (9%)
- Yellow (60%)
- Black (16%)



- Cyan (16%)
- Magenta (23%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color D7C457 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 D7C457 by changing the saturation by 10% instead.

 D7C457

 D7C457

FFFFFF

 BAA93D

 FFFC8C

 9D8F21

 FFFFA8

 817500

 FFFFC4

 665D00

 FFFFE1

 4C4500

FFFFFFE

 322F00

 191B00

 000000

 D7C457

 D7C457

 D7C142

 D7C76D

 D7BE2C

 D7CA82

 D7BA17

 D7CE98

 D7B701

 D7D1AD

 D7B700

 D7D4C3

 D7D7D8

 D7DAEE

 D7DEFF

 D7E1FF

Harmonies

Analogous

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



FFB163



D7C457



A0D26C

Triad

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



D7C457



00DCFF



FF9EEE

Complementary

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



D7C457



576AD7

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.



D6B1FF



D7C457



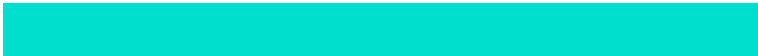
00D4FF

Square

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



D7C457



00DECD



7EC5FF



FF97B9

Rectangle

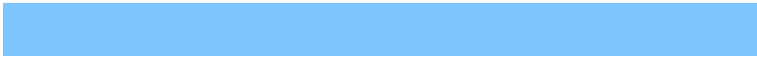
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D7C457



72D887



7EC5FF



FEA4FD

Sweetspot

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



D7C457



FFF8D1



D7576A



807B63



000000



808080

Same Dimension

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



D7C457



FFE44A



AAD757



6B6A60



AB9100



2B2500

Inverse Universe

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



576AD7



4A65FF



8457D7



60626B



0019AB



00062B

Previews

White Background



This preview shows how the Hex color D7C457 looks on a white background.

Color Contrast Check

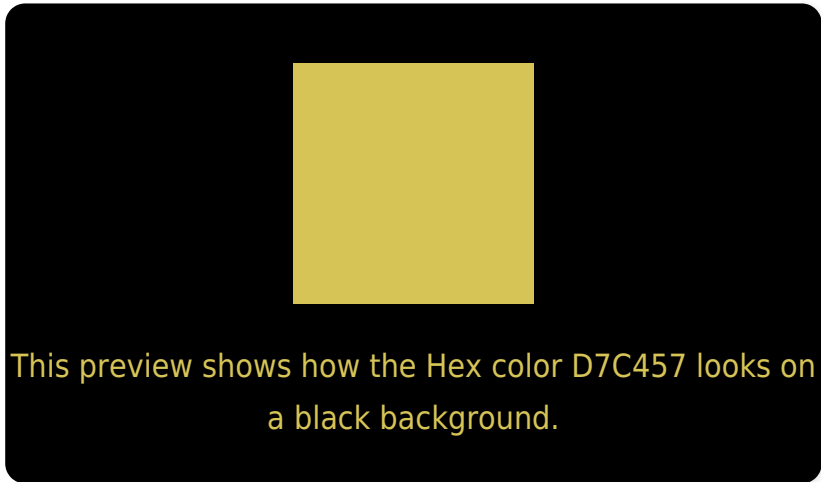
Large Text (above 18pt) WCAG AA × Fail

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 D7C457 Background



This preview shows how black text looks on a background with the Hex color D7C457.

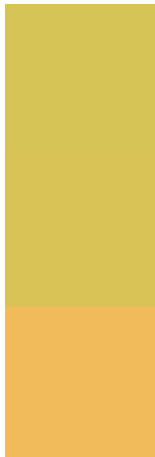


This preview shows how white text looks on a background with the Hex color D7C457.

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
D7C457

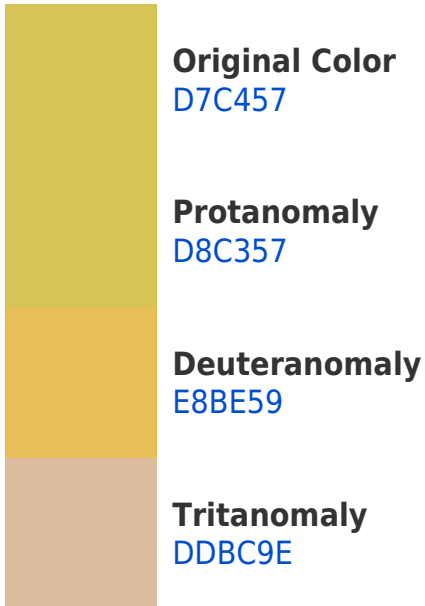
Protanopia
D9C357

Deuteranopia
F1BA5A



Tritanopia
E1B8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D7C457 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 #D7C457 looks like.

```
.text, #text, p{  
    color:#D7C457  
}
```

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 #D7C457 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7C457
}
```

Border

The CSS property to change the border of an element to Hex D7C457 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
#D7C457 }
```

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

```
.border{ border-color:#D7C457 }
```

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

Here you see how a box with a 4 pixel #D7C457 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7C457; -webkit-box-shadow:4px 4px  
4px 4px #D7C457; box-shadow:4px 4px 4px  
4px #D7C457 }
```

Background

The CSS property to change the background color of an element to Hex D7C457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7C457 }
```

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

```
.background{ background-color:#D7C457 }
```

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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