

Converting Colors

Hex(D6A527)

Have a look what the booklet for
Hex(D6A527) contains.

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Color

Hex(D6A527)

Conversions

Conversions Part 1

Format	Color
Hex	D6A527
RGB	214, 165, 39
RGB Percent	84%, 65%, 15%
CMY	0.1608, 0.3529, 0.8471
CMYK	0.00, 0.23, 0.82, 0.16
HSL	43°, 69%, 50%
HSV	43°, 82%, 84%
XYZ	41.5529, 41.3529, 7.7113
YIQ	165.2870, 69.6500, -28.7980

Conversions

Conversions Part 2

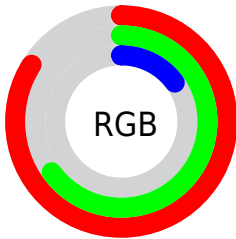
Format	Color
RYB	107, 214, 39
Decimal	14066983
CIELab	70.42, 6.97, 66.26
CIELCh	70, 66.623, 83.994
Yxy	41.3529, 0.4586, 0.4563
Android (android.graphics.Color)	4292257063 (0xFFD6A527)
YUV	165.2870, -62.2595, 42.7213
Hunter-Lab	64.3062, 2.8059, 37.9046

Details

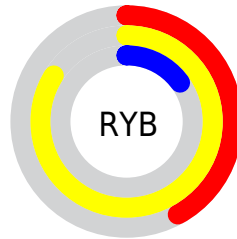
The Hex color **D6A527** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **2758D6**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **FFDC60**, and **9A7200** is the 20% darker color. If you saturate the color by 10%, you get **D69F12**, and if you desaturate by 10%, it is **D6AB3C**.

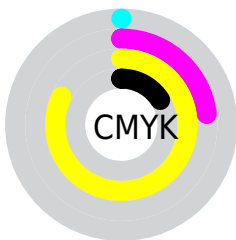
Distribution



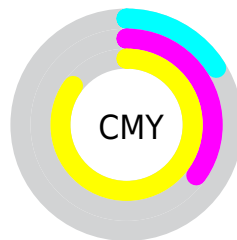
- Red (84%)
- Green (65%)
- Blue (15%)



- Red (42%)
- Yellow (84%)
- Blue (15%)



- Cyan (0%)
- Magenta (23%)
- Yellow (82%)
- Black (16%)



- Cyan (16%)
- Magenta (35%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6A527 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 D6A527 by changing the saturation by 10% instead.

 D6A527

 D6A527

FFFFFF

 B88B00

 FFDC60

 9A7200

 FFF87B

 7E5900

 FFFF97

 614200

 FFFFB3

 462C00

 FFFF00

 2C1800

 FFFFED

 120000

 000000

 D6A527

 D6A527

 D69F12

 D6AB3C

 D69A00

 D6B152

 D6B767

 D6BD7D

 D6C392

 D6C9A7

 D6CFBD

 D6D5D2

 D6DBE8

Harmonies

Analogous

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



FF8D4A



D6A527



9CB732

Triad

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



D6A527



00C9DC



EA87F4

Complementary

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



D6A527



2758D6

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.



97A1FF



D6A527



00C4FF

Square

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



D6A527



00C89E



00B7FF



FF74BB

Rectangle

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



D6A527



6CC04F



00B7FF



D490FF

Sweetspot

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



D6A527



FFEDBF



D62759



807559



000000



808080

Same Dimension

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



D6A527



FFB905



B0D627



6B6860



AB7B00



2B1F00

Inverse Universe

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



2758D6



054BFF



4D27D6



60636B



0030AB



000C2B

Previews

White Background



This preview shows how the Hex color D6A527 looks on a white background.

Color Contrast Check

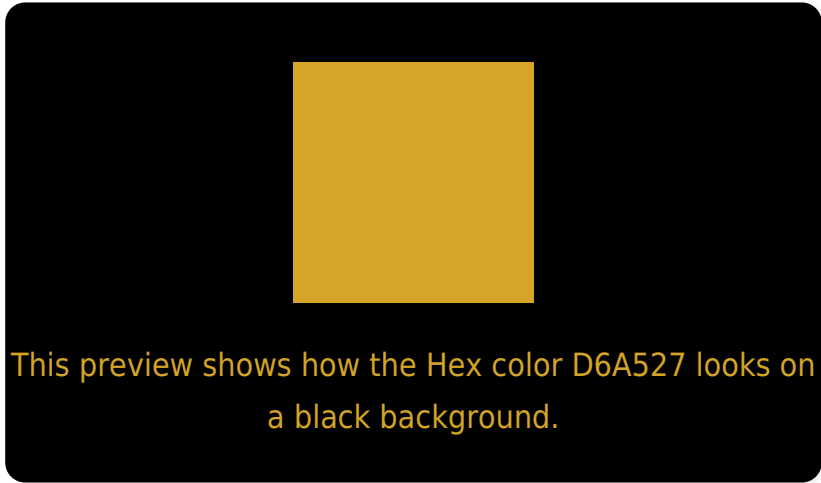
Large Text (above 18pt) WCAG AA × Fail

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 D6A527 Background



This preview shows how black text looks on a background with the Hex color D6A527.



This preview shows how white text looks on a background with the Hex color D6A527.

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
D6A527

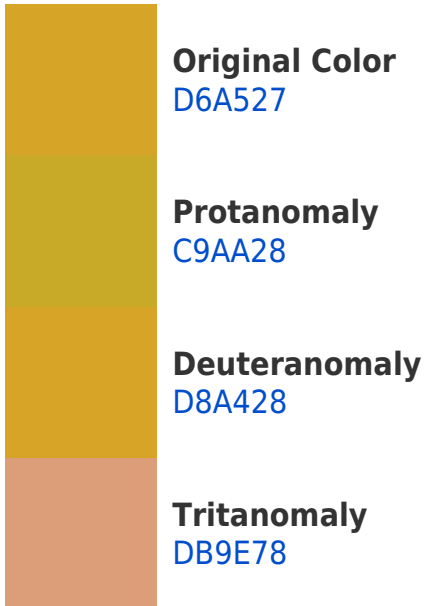
Protanopia
C2AD29

Deuteranopia
D9A428

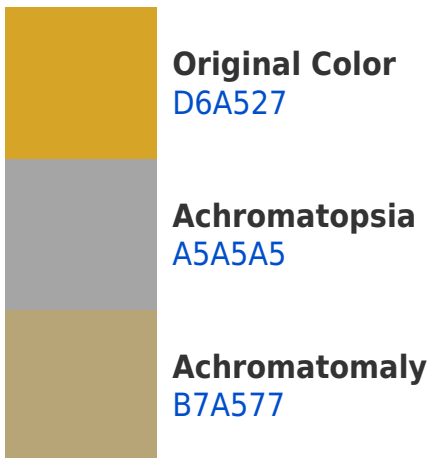


Tritanopia
DE9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D6A527 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 #D6A527 looks like.

```
.text, #text, p{  
    color:#D6A527  
}
```

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 #D6A527 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6A527
}
```

Border

The CSS property to change the border of an element to Hex D6A527 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
#D6A527 }
```

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

```
.border{ border-color:#D6A527 }
```

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

Here you see how a box with a 4 pixel #D6A527 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6A527; -webkit-box-shadow:4px 4px  
4px 4px #D6A527; box-shadow:4px 4px 4px  
4px #D6A527 }
```

Background

The CSS property to change the background color of an element to Hex D6A527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6A527 }
```

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

```
.background{ background-color:#D6A527 }
```

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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