

Converting Colors

Hex(D6AA54)

Have a look what the booklet for
Hex(D6AA54) contains.

Hex(D6AA54)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(D6AA54)

Conversions

Conversions Part 1

Format	Color
Hex	D6AA54
RGB	214, 170, 84
RGB Percent	84%, 67%, 33%
CMY	0.1608, 0.3333, 0.6706
CMYK	0.00, 0.21, 0.61, 0.16
HSL	40°, 61%, 58%
HSV	40°, 61%, 84%
XYZ	43.7065, 43.6857, 14.5161
YIQ	173.3520, 53.8300, -17.4180

Conversions

Conversions Part 2

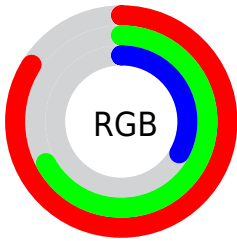
Format	Color
RYB	151, 214, 84
Decimal	14068308
CIELab	72.02, 6.54, 49.58
CIELCh	72, 50.014, 82.486
Yxy	43.6857, 0.4289, 0.4287
Android (android.graphics.Color)	4292258388 (0xFFD6AA54)
YUV	173.3520, -44.0505, 35.6483
Hunter-Lab	66.0951, 2.3696, 33.2451

Details

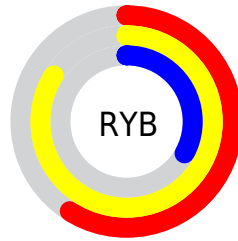
The Hex color **D6AA54** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **5480D6**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **FFE188**, and **9C7621** is the 20% darker color. If you saturate the color by 10%, you get **D6A33F**, and if you desaturate by 10%, it is **D6B169**.

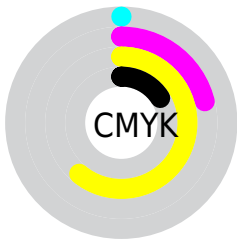
Distribution



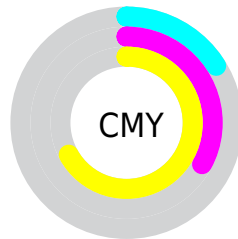
- Red (84%)
- Green (67%)
- Blue (33%)



- Red (59%)
- Yellow (84%)
- Blue (33%)



- Cyan (0%)
- Magenta (21%)
- Yellow (61%)
- Black (16%)



- Cyan (16%)
- Magenta (33%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6AA54 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 D6AA54 by changing the saturation by 10% instead.

 D6AA54

 D6AA54

FFFFFF

 B9903B

 FFE188

 9C7621

 FFFEA3

 805E00

 FFFFBF

 654600

 FFFFDB

 4A3000

 FFFFF8

 301B00

 170200

 000000

 D6AA54

 D6AA54

 D6A33F

 D6B169

 D69C29

 D6B87F

 D69414

 D6C094

 D68E00

 D6C7AA

 D6CEBF

 D6D5D4

 D6DDEA

 D6E4FF

 D6EBFF

Harmonies

Analogous

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



F79969



D6AA54



AAB859

Triad

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



D6AA54



00C8D2



DE97E9

Complementary

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



D6AA54



5480D6

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.



A2A9FF



D6AA54



00C3F8

Square

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



D6AA54



0FC7A3



40B9FF



FF8CBE

Rectangle

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



D6AA54



87BF6B



40B9FF



CD9DF4

Sweetspot

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



D6AA54



FFEFD1



D65481



807663



000000



808080

Same Dimension

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



D6AA54



FFC045



C3D654



6B6760



AB7100



2B1D00

Inverse Universe

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



5480D6



4584FF



6854D6



60646B



003AAB



000F2B

Previews

White Background



This preview shows how the Hex color D6AA54 looks on a white background.

Color Contrast Check

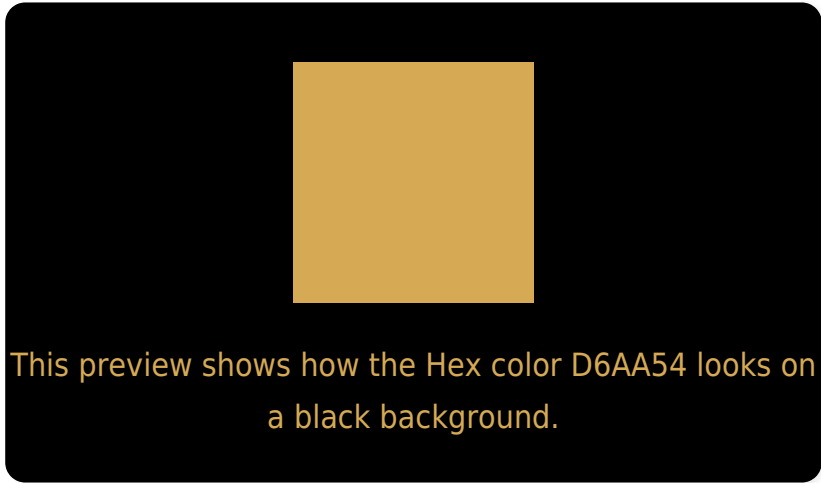
Large Text (above 18pt) WCAG AA × Fail

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 D6AA54 Background



This preview shows how black text looks on a background with the Hex color D6AA54.



This preview shows how white text looks on a background with the Hex color D6AA54.

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
D6AA54

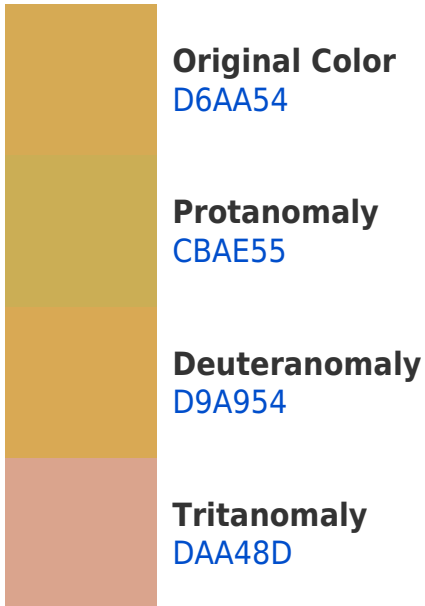
Protanopia
C4B156

Deuteranopia
DAA854

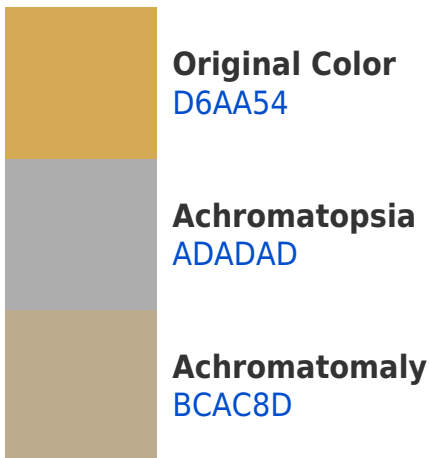


Tritanopia
DDA0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D6AA54 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 #D6AA54 looks like.

```
.text, #text, p{  
    color:#D6AA54  
}
```

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 #D6AA54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6AA54  
}
```

Border

The CSS property to change the border of an element to Hex D6AA54 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  
#D6AA54 }
```

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

```
.border{ border-color:#D6AA54 }
```

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

Here you see how a box with a 4 pixel #D6AA54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6AA54; -webkit-box-shadow:4px 4px  
4px 4px #D6AA54; box-shadow:4px 4px 4px  
4px #D6AA54 }
```

Background

The CSS property to change the background color of an element to Hex D6AA54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6AA54 }
```

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

```
.background{ background-color:#D6AA54 }
```

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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