

Converting Colors

Hex(D9D54A)

Have a look what the booklet for
Hex(D9D54A) contains.

| | |
|--|----|
| Hex(D9D54A) | 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(D9D54A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D9D54A |
| RGB | 217, 213, 74 |
| RGB Percent | 85%, 84%, 29% |
| CMY | 0.1490, 0.1647, 0.7098 |
| CMYK | 0.00, 0.02, 0.66, 0.15 |
| HSL | 58°, 65%, 57% |
| HSV | 58°, 66%, 85% |
| XYZ | 53.6456, 62.8346, 15.7794 |
| YIQ | 198.3500, 47.0030, -42.3810 |

Conversions

Conversions Part 2

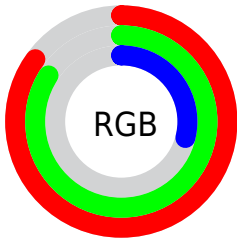
| Format | Color |
|-------------------------------------|---|
| RYB | 78, 217, 74 |
| Decimal | 14275914 |
| CIELab | 83.36, -15.05, 66.25 |
| CIELCh | 83, 67.937, 102.797 |
| Yxy | 62.8346, 0.4056, 0.4751 |
| Android (android.graphics.Color) | 4292465994 (0xFFD9D54A) |
| YUV | 198.3500, -61.3045, 16.3561 |
| Hunter-Lab | 79.2683, -17.9180, 43.6853 |

Details

The Hex color **D9D54A** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **4A4ED9**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFF82**, and **9F9F00** is the 20% darker color. If you saturate the color by 10%, you get **D9D434**, and if you desaturate by 10%, it is **D9D660**.

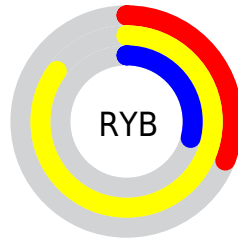
Distribution



Red (85%)

Green (84%)

Blue (29%)



Red (31%)

Yellow (85%)

Blue (29%)

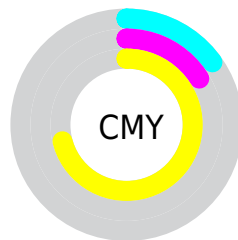


Cyan (0%)

Magenta (2%)

Yellow (66%)

Black (15%)



Cyan (15%)

Magenta (16%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9D54A 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 D9D54A by changing the saturation by 10% instead.

 D9D54A

 D9D54A

FFFFFF

 BCB92C

 FFFF82

 9F9F00

 FFFF9D

 828500


 FFFFBA

 676C00

 FFFFD7

 4C5300

 FFFFF4

 313D00

 182700

 001400

 000000

 D9D54A

 D9D54A

 D9D434

 D9D660

 D9D41F

 D9D675

 D9D309

 D9D78B

 D9D300

 D9D7A1

 D9D8B6

 D9D9CC

 D9D9E2

 D9DAF8

 D9DAFF

Harmonies

Analogous

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



FFBF51



D9D54A



92E46D

Triad

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



D9D54A



00ECFF



FF9CF7

Complementary

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



D9D54A



4A4ED9

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.



F7B3FF



D9D54A



00E1FF

Square

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



D9D54A



00EFEA



8ECDFF



FF97B7

Rectangle

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



D9D54A



4DEB93



8ECDFF



FFA3FF

Sweetspot

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



D9D54A



FFFECC



D94A4F



807F61



000000



808080

Same Dimension

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



D9D54A



FFF936



96D94A



6E6D63



ADA900



2E2D00

Inverse Universe

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



4A4ED9



363BFF



8D4AD9



63636E



0005AD



00012E

Previews

White Background



This preview shows how the Hex color D9D54A looks on a white background.

Color Contrast Check

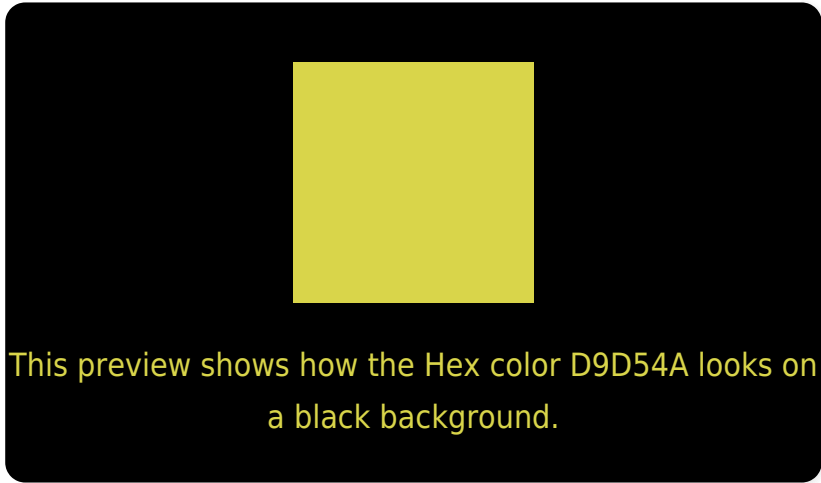
Large Text (above 18pt) WCAG AA × Fail

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 D9D54A Background



This preview shows how black text looks on a background with the Hex color D9D54A.

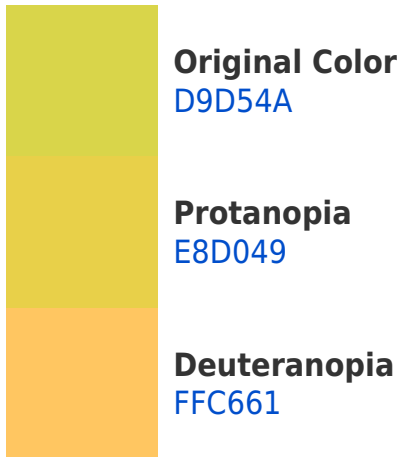


This preview shows how white text looks on a background with the Hex color D9D54A.

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](#).

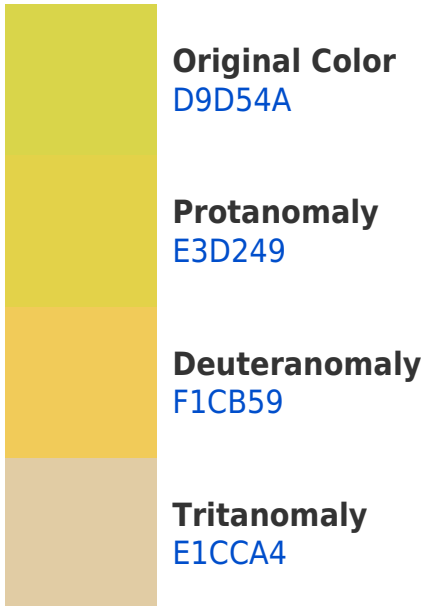
Dichromacy



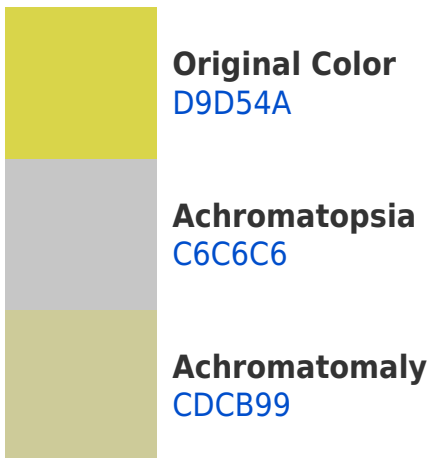


Tritanopia
E6C7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D9D54A 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 #D9D54A looks like.

```
.text, #text, p{  
    color:#D9D54A  
}
```

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 #D9D54A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9D54A
}
```

Border

The CSS property to change the border of an element to Hex D9D54A 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
#D9D54A }
```

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

```
.border{ border-color:#D9D54A }
```

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

Here you see how a box with a 4 pixel #D9D54A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9D54A; -webkit-box-shadow:4px 4px  
4px 4px #D9D54A; box-shadow:4px 4px 4px  
4px #D9D54A }
```

Background

The CSS property to change the background color of an element to Hex D9D54A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9D54A }
```

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

```
.background{ background-color:#D9D54A }
```

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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