

Converting Colors

Hex(D9C452)

Have a look what the booklet for
Hex(D9C452) contains.

Hex(D9C452)	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(D9C452)

Conversions

Conversions Part 1

Format	Color
Hex	D9C452
RGB	217, 196, 82
RGB Percent	85%, 77%, 32%
CMY	0.1490, 0.2314, 0.6784
CMYK	0.00, 0.10, 0.62, 0.15
HSL	51°, 64%, 59%
HSV	51°, 62%, 85%
XYZ	49.8782, 54.8408, 15.9391
YIQ	189.2830, 49.1100, -31.0020

Conversions

Conversions Part 2

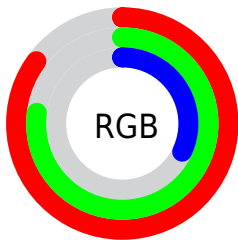
Format	Color
RYB	107, 217, 82
Decimal	14271570
CIELab	78.95, -5.97, 58.30
CIELCh	79, 58.605, 95.843
Yxy	54.8408, 0.4134, 0.4545
Android (android.graphics.Color)	4292461650 (0xFFD9C452)
YUV	189.2830, -52.8905, 24.3078
Hunter-Lab	74.0546, -9.3698, 39.0769

Details

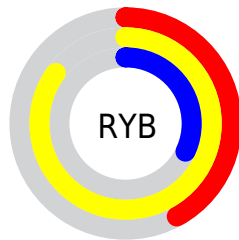
The Hex color **D9C452** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **5267D9**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFFC88**, and **9F8F19** is the 20% darker color. If you saturate the color by 10%, you get **D9C13C**, and if you desaturate by 10%, it is **D9C768**.

Distribution



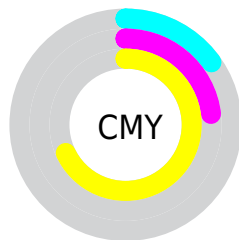
- Red (85%)
- Green (77%)
- Blue (32%)



- Red (42%)
- Yellow (85%)
- Blue (32%)



- Cyan (0%)
- Magenta (10%)
- Yellow (62%)
- Black (15%)



- Cyan (15%)
- Magenta (23%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9C452 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 D9C452 by changing the saturation by 10% instead.

 D9C452

 D9C452

FFFFFF

 BCA937

 FFFC88

 9F8F19

 FFFFA3

 837500

 FFFFBF

 675D00

 FFFFDC

 4D4500

 FFFFF9

 333000

 1A1B00

 000000

 D9C452

 D9C452

 D9C13C

 D9C768

 D9BD27

 D9CB7D

 D9BA11

 D9CE93

 D9B700

 D9D2A9

 D9D5BF

 D9D8D4

 D9DCEA

 D9DFFF

 D9E2FF

Harmonies

Analogous

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



FFB15F



D9C452



A0D367

Triad

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



D9C452



00DDFF



FF9DF1

Complementary

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



D9C452



5267D9

Split Complementary

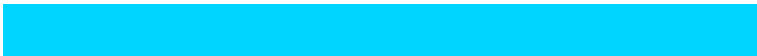
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



D5B1FF



D9C452



00D5FF

Square

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



D9C452



00DFCD



75C6FF



FF94BB

Rectangle

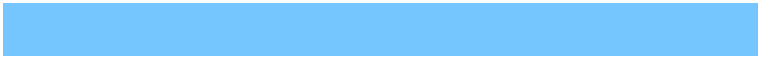
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D9C452



70D984



75C6FF



FFA3FF

Sweetspot

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



D9C452



FFF7CF



D95269



807B62



000000



808080

Same Dimension

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



D9C452



FFE140



ACD952



6E6C63



AD9200



2E2700

Inverse Universe

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



5267D9



405DFF



7F52D9



63646E



001BAD



00072E

Previews

White Background



This preview shows how the Hex color D9C452 looks on a white background.

Color Contrast Check

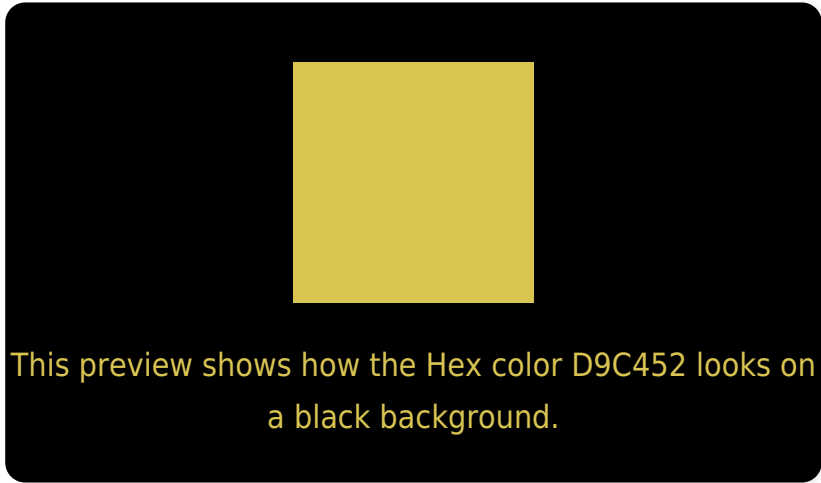
Large Text (above 18pt) WCAG AA × Fail

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 D9C452 Background



This preview shows how black text looks on a background with the Hex color D9C452.

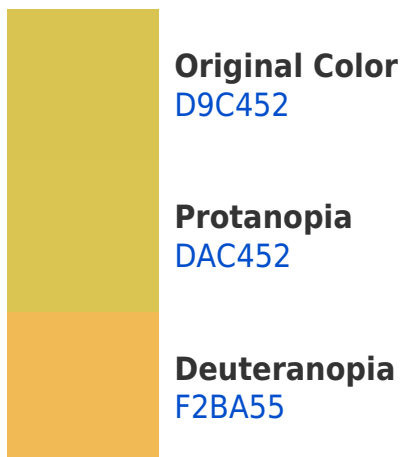


This preview shows how white text looks on a background with the Hex color D9C452.

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](#).

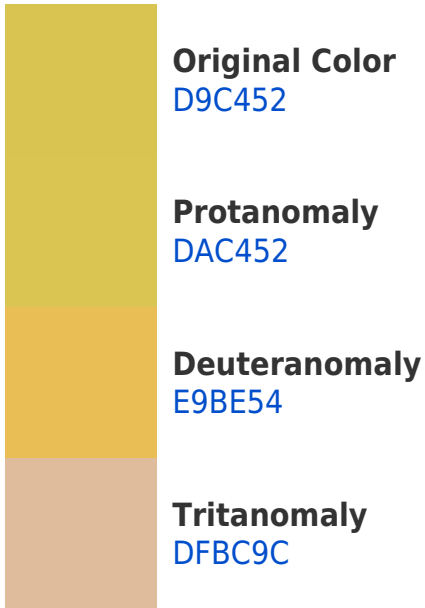
Dichromacy



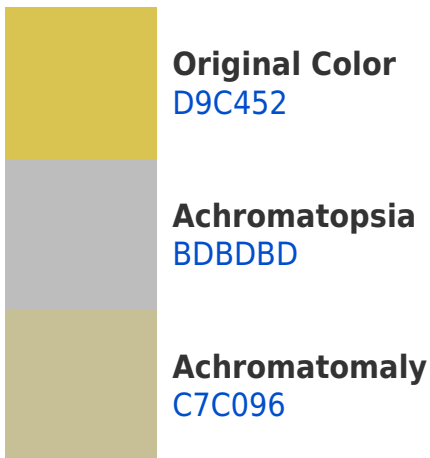


Tritanopia
E3B8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D9C452 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 #D9C452 looks like.

```
.text, #text, p{  
    color:#D9C452  
}
```

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 #D9C452 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9C452
}
```

Border

The CSS property to change the border of an element to Hex D9C452 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
#D9C452 }
```

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

```
.border{ border-color:#D9C452 }
```

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

Here you see how a box with a 4 pixel #D9C452 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9C452; -webkit-box-shadow:4px 4px  
4px 4px #D9C452; box-shadow:4px 4px 4px  
4px #D9C452 }
```

Background

The CSS property to change the background color of an element to Hex D9C452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9C452 }
```

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

```
.background{ background-color:#D9C452 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor