

Converting Colors

Hex(D9C045)

Have a look what the booklet for
Hex(D9C045) contains.

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Color

Hex(D9C045)

Conversions

Conversions Part 1

Format	Color
Hex	D9C045
RGB	217, 192, 69
RGB Percent	85%, 75%, 27%
CMY	0.1490, 0.2471, 0.7294
CMYK	0.00, 0.12, 0.68, 0.15
HSL	50°, 66%, 56%
HSV	50°, 68%, 85%
XYZ	48.5391, 52.8807, 13.2789
YIQ	185.4530, 54.3830, -32.9530

Conversions

Conversions Part 2

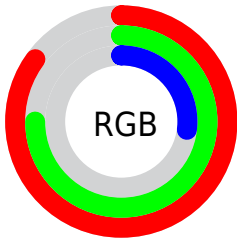
Format	Color
RYB	99, 217, 69
Decimal	14270533
CIELab	77.80, -4.67, 62.55
CIELCh	78, 62.725, 94.272
Yxy	52.8807, 0.4232, 0.4610
Android (android.graphics.Color)	4292460613 (0xFFD9C045)
YUV	185.4530, -57.4113, 27.6667
Hunter-Lab	72.7191, -8.1119, 40.0767

Details

The Hex color **D9C045** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **455ED9**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFF87B**, and **9F8B00** is the 20% darker color. If you saturate the color by 10%, you get **D9BC2F**, and if you desaturate by 10%, it is **D9C45B**.

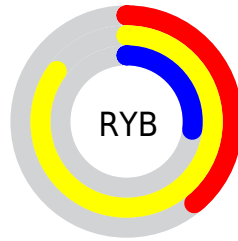
Distribution



Red (85%)

Green (75%)

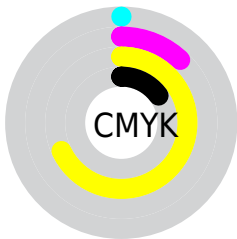
Blue (27%)



Red (39%)

Yellow (85%)

Blue (27%)

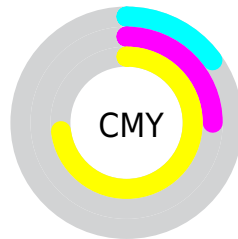


Cyan (0%)

Magenta (12%)

Yellow (68%)

Black (15%)



Cyan (15%)

Magenta (25%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9C045 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 D9C045 by changing the saturation by 10% instead.

 D9C045

 D9C045

FFFFFF

 BCA528

 FFF87B

 9F8B00

 FFFF97

 827200

 FFFFB3

 675900

 FFFFCE

 4B4200

 FFFFEC

 312D00

 191800

 000000

 D9C045

 D9C045

 D9BC2F

 D9C45B

 D9B91A

 D9C770

 D9B504

 D9CB86

 D9B400

 D9CF9C

 D9D2B2

 D9D6C7

 D9DADD

 D9DDF3

 D9E1FF

Harmonies

Analogous

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



FFAB56



D9C045



9DD05B

Triad

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



D9C045



00DCFF



FF97F4

Complementary

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



D9C045



455ED9

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.



CEAEFF



D9C045



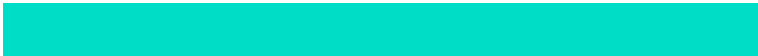
00D4FF

Square

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



D9C045



00DDC7



5CC4FF



FF8CBA

Rectangle

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



D9C045



69D779



5CC4FF



FD9EFF

Sweetspot

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



D9C045



FFF6CC



D94560



807A61



000000



808080

Same Dimension

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



D9C045



FFDC2E



AAD945



6E6C63



AD9000



2E2600

Inverse Universe

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



455ED9



2E51FF



7445D9



63656E



001DAD



00082E

Previews

White Background



This preview shows how the Hex color D9C045 looks on a white background.

Color Contrast Check

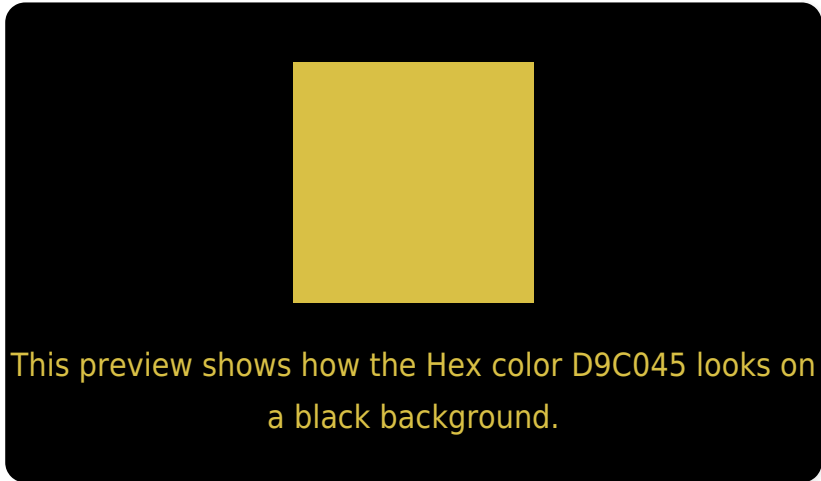
Large Text (above 18pt) WCAG AA × Fail

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 D9C045 Background



This preview shows how black text looks on a background with the Hex color D9C045.



This preview shows how white text looks on a background with the Hex color D9C045.

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
D9C045

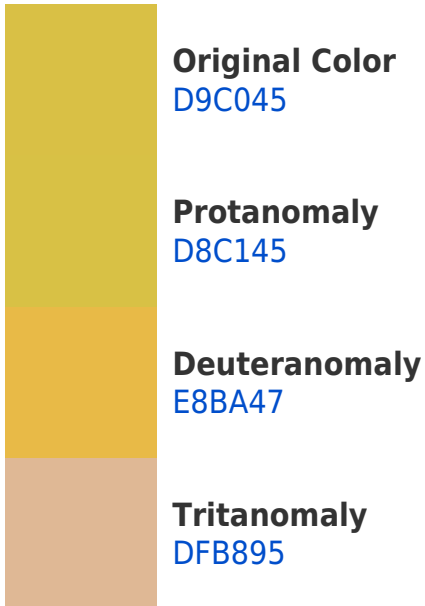
Protanopia
D7C145

Deuteranopia
F0B748



Tritanopia
E3B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D9C045 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 #D9C045 looks like.

```
.text, #text, p{  
    color:#D9C045  
}
```

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 #D9C045 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9C045
}
```

Border

The CSS property to change the border of an element to Hex D9C045 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
#D9C045 }
```

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

```
.border{ border-color:#D9C045 }
```

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

Here you see how a box with a 4 pixel #D9C045 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9C045; -webkit-box-shadow:4px 4px  
4px 4px #D9C045; box-shadow:4px 4px 4px  
4px #D9C045 }
```

Background

The CSS property to change the background color of an element to Hex D9C045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9C045 }
```

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

```
.background{ background-color:#D9C045 }
```

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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