

Converting Colors

Hex(D9BA27)

Have a look what the booklet for
Hex(D9BA27) contains.

Hex(D9BA27)	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(D9BA27)

Conversions

Conversions Part 1

Format	Color
Hex	D9BA27
RGB	217, 186, 39
RGB Percent	85%, 73%, 15%
CMY	0.1490, 0.2706, 0.8471
CMYK	0.00, 0.14, 0.82, 0.15
HSL	50°, 70%, 50%
HSV	50°, 82%, 85%
XYZ	46.5404, 50.0160, 9.1206
YIQ	178.5110, 65.6630, -39.1450

Conversions

Conversions Part 2

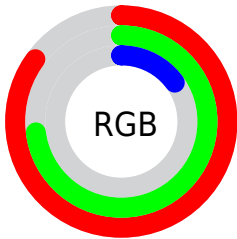
Format	Color
RYB	77, 217, 39
Decimal	14268967
CIELab	76.08, -2.80, 71.25
CIELCh	76, 71.303, 92.249
Yxy	50.0160, 0.4404, 0.4733
Android (android.graphics.Color)	4292459047 (0xFFD9BA27)
YUV	178.5110, -68.7789, 33.7549
Hunter-Lab	70.7220, -6.2971, 41.8591

Details

The Hex color **D9BA27** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **2746D9**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFF263**, and **9E8500** is the 20% darker color. If you saturate the color by 10%, you get **D9B611**, and if you desaturate by 10%, it is **D9BE3D**.

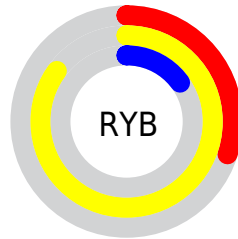
Distribution



Red (85%)

Green (73%)

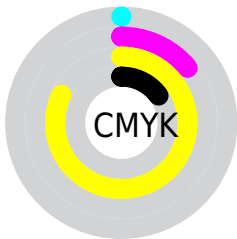
Blue (15%)



Red (30%)

Yellow (85%)

Blue (15%)

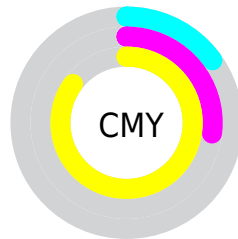


Cyan (0%)

Magenta (14%)

Yellow (82%)

Black (15%)



Cyan (15%)

Magenta (27%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9BA27 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 D9BA27 by changing the saturation by 10% instead.

 D9BA27

 D9BA27

FFFFFF

 BB9F00

 FFF263

 9E8500

 FFFF7F

 816C00

 FFFF9B

 655400

 FFFFB7

 493E00

 FFFFD4

 2F2800

 FFFFF2

 161400

 000000

 D9BA27

 D9BA27

 D9B611

 D9BE3D

 D9B300

 D9C252

 D9C568

 D9C97E

 D9CD93

 D9D1A9

 D9D4BF

 D9D8D5

 D9DCEA

Harmonies

Analogous

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



FFA144



D9BA27



96CC42

Triad

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



D9BA27



00DAFF



FF8CFA

Complementary

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



D9BA27



2746D9

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.



C3A8FF



D9BA27



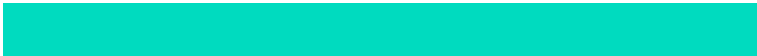
00D2FF

Square

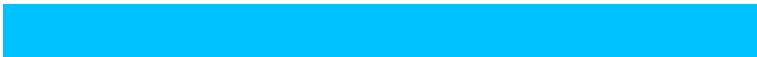
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D9BA27



00DBBF



00C2FF



FF7DB9

Rectangle

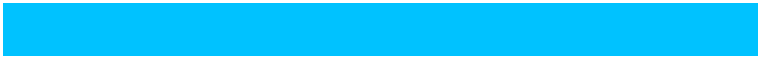
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D9BA27



59D466



00C2FF



FB95FF

Sweetspot

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



D9BA27



FFF4BF



D92748



807959



000000



808080

Same Dimension

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



D9BA27



FFD305



A1D927



6E6C63



AD8F00



2E2600

Inverse Universe

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



2746D9



0531FF



5F27D9



63656E



001EAD



00082E

Previews

White Background



This preview shows how the Hex color D9BA27 looks on a white background.

Color Contrast Check

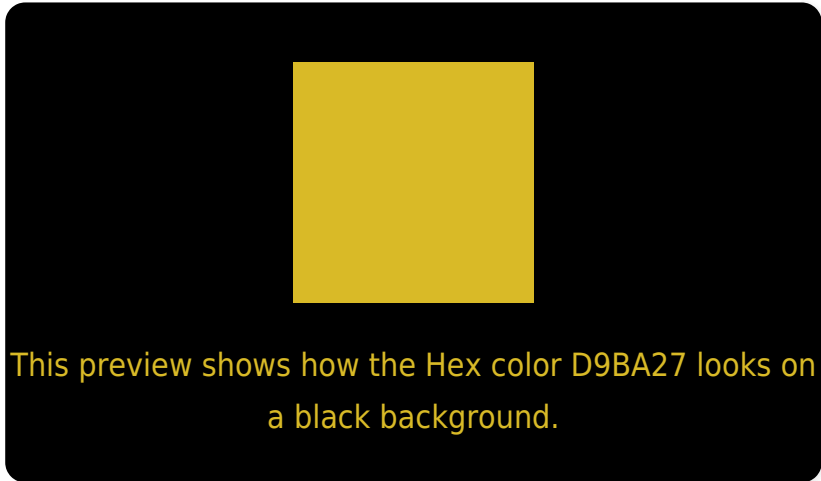
Large Text (above 18pt) WCAG AA × Fail

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 D9BA27 Background



This preview shows how black text looks on a background with the Hex color D9BA27.



This preview shows how white text looks on a background with the Hex color D9BA27.

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
D9BA27

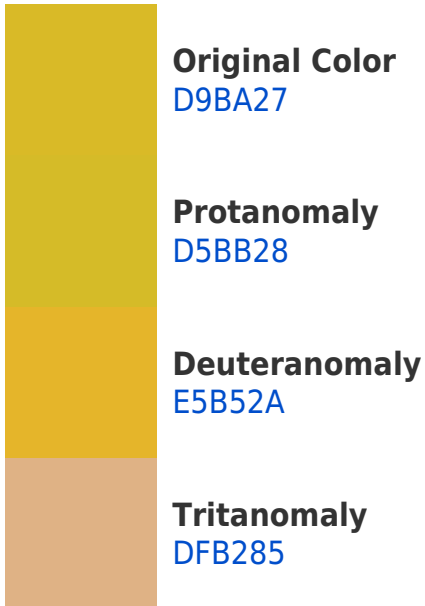
Protanopia
D3BC28

Deuteranopia
ECB22B



Tritanopia
E3ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D9BA27 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 #D9BA27 looks like.

```
.text, #text, p{  
    color:#D9BA27  
}
```

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 #D9BA27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9BA27  
}
```

Border

The CSS property to change the border of an element to Hex D9BA27 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  
#D9BA27 }
```

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

```
.border{ border-color:#D9BA27 }
```

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

Here you see how a box with a 4 pixel #D9BA27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9BA27; -webkit-box-shadow:4px 4px  
4px 4px #D9BA27; box-shadow:4px 4px 4px  
4px #D9BA27 }
```

Background

The CSS property to change the background color of an element to Hex D9BA27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9BA27 }
```

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

```
.background{ background-color:#D9BA27 }
```

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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