

Converting Colors

Hex(D9BE52)

Have a look what the booklet for
Hex(D9BE52) contains.

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Color

Hex(D9BE52)

Conversions

Conversions Part 1

Format	Color
Hex	D9BE52
RGB	217, 190, 82
RGB Percent	85%, 75%, 32%
CMY	0.1490, 0.2549, 0.6784
CMYK	0.00, 0.12, 0.62, 0.15
HSL	48°, 64%, 59%
HSV	48°, 62%, 85%
XYZ	48.5517, 52.1878, 15.4969
YIQ	185.7610, 50.7600, -27.8640

Conversions

Conversions Part 2

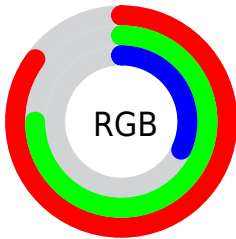
Format	Color
RYB	116, 217, 82
Decimal	14270034
CIELab	77.39, -2.86, 56.60
CIELCh	77, 56.673, 92.897
Yxy	52.1878, 0.4177, 0.4490
Android (android.graphics.Color)	4292460114 (0xFFD9BE52)
YUV	185.7610, -51.1542, 27.3966
Hunter-Lab	72.2411, -6.4560, 37.8501

Details

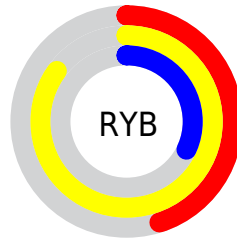
The Hex color **D9BE52** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **526DD9**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **FFF687**, and **9F891A** is the 20% darker color. If you saturate the color by 10%, you get **D9BA3C**, and if you desaturate by 10%, it is **D9C268**.

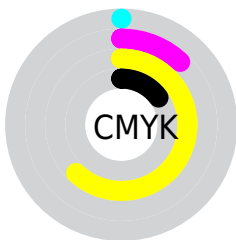
Distribution



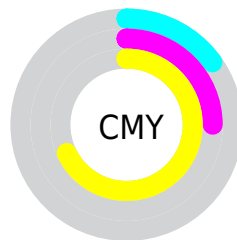
- Red (85%)
- Green (75%)
- Blue (32%)



- Red (45%)
- Yellow (85%)
- Blue (32%)



- Cyan (0%)
- Magenta (12%)
- Yellow (62%)
- Black (15%)



- Cyan (15%)
- Magenta (25%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9BE52 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 D9BE52 by changing the saturation by 10% instead.

 D9BE52

 D9BE52

FFFFFF

 BCA337

 FFF687

 9F891A

 FFFFA3

 837000

 FFFFBF

 675800

 FFFFDB

 4D4100

 FFFFF8

 332B00

 1A1700

 000000

 D9BE52

 D9BE52

 D9BA3C

 D9C268

 D9B527

 D9C77D

 D9B111

 D9CB93

 D9AE00

 D9CFA9

 D9D4BF

 D9D8D4

 D9DCEA

 D9E1FF

 D9E5FF

Harmonies

Analogous

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



FFAB62



D9BE52



A3CD63

Triad

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



D9BE52



00D8F7



FF9CF0

Complementary

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



D9BE52



526DD9

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.



C9AFFF



D9BE52



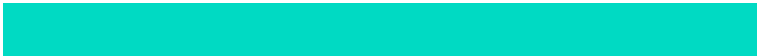
00D1FF

Square

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



D9BE52



00DAC3



69C3FF



FF92BC

Rectangle

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



D9BE52



77D37D



69C3FF



F4A2FF

Sweetspot

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



D9BE52



FFF5CF



D9526D



807A62



000000



808080

Same Dimension

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



D9BE52



FFD940



B1D952



6E6B63



AD8B00



2E2500

Inverse Universe

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



526DD9



4066FF



7A52D9



63656E



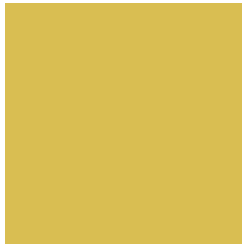
0023AD



00092E

Previews

White Background



This preview shows how the Hex color D9BE52 looks on a white background.

Color Contrast Check

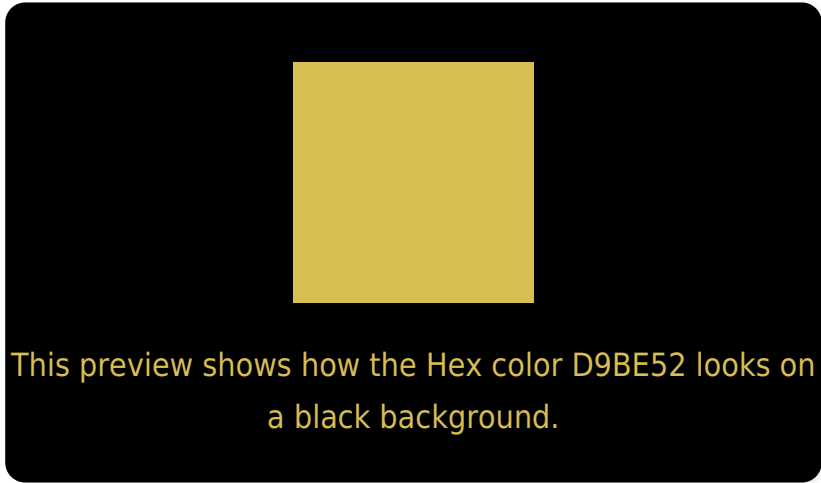
Large Text (above 18pt) WCAG AA × Fail

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 D9BE52 Background



This preview shows how black text looks on a background with the Hex color D9BE52.

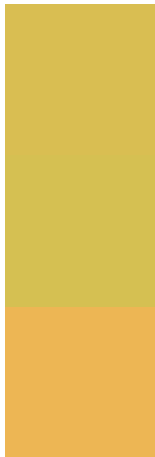


This preview shows how white text looks on a background with the Hex color D9BE52.

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
D9BE52

Protanopia
D5C052

Deuteranopia
EDB654



Tritanopia
E2B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D9BE52 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 #D9BE52 looks like.

```
.text, #text, p{  
    color:#D9BE52  
}
```

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 #D9BE52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9BE52
}
```

Border

The CSS property to change the border of an element to Hex D9BE52 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
#D9BE52 }
```

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

```
.border{ border-color:#D9BE52 }
```

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

Here you see how a box with a 4 pixel #D9BE52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9BE52; -webkit-box-shadow:4px 4px  
4px 4px #D9BE52; box-shadow:4px 4px 4px  
4px #D9BE52 }
```

Background

The CSS property to change the background color of an element to Hex D9BE52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9BE52 }
```

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

```
.background{ background-color:#D9BE52 }
```

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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