

Converting Colors

Hex(D9B64E)

Have a look what the booklet for
Hex(D9B64E) contains.

| | |
|--|----|
| Hex(D9B64E) | 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(D9B64E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D9B64E |
| RGB | 217, 182, 78 |
| RGB Percent | 85%, 71%, 31% |
| CMY | 0.1490, 0.2863, 0.6941 |
| CMYK | 0.00, 0.16, 0.64, 0.15 |
| HSL | 45°, 65%, 58% |
| HSV | 45°, 64%, 85% |
| XYZ | 46.7184, 48.7577, 14.1566 |
| YIQ | 180.6090, 54.2440, -24.9240 |

Conversions

Conversions Part 2

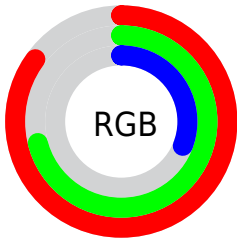
| Format | Color |
|-------------------------------------|--|
| RYB | 125, 217, 78 |
| Decimal | 14267982 |
| CIELab | 75.30, 1.06, 56.09 |
| CIElCh | 75, 56.104, 88.917 |
| Yxy | 48.7577, 0.4261, 0.4447 |
| Android (android.graphics.Color) | 4292458062 (0xFFD9B64E) |
| YUV | 180.6090, -50.5862, 31.9149 |
| Hunter-Lab | 69.8267, -2.7692, 36.8583 |

Details

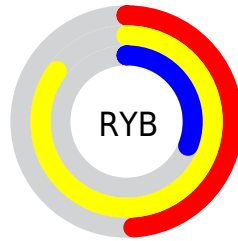
The Hex color **D9B64E** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **4E71D9**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFEE83**, and **9F8116** is the 20% darker color. If you saturate the color by 10%, you get **D9B138**, and if you desaturate by 10%, it is **D9BB64**.

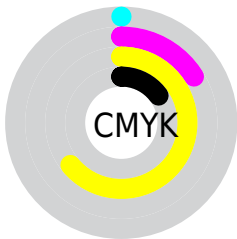
Distribution



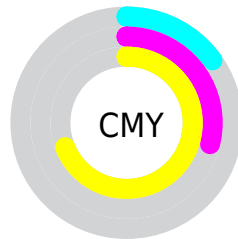
- Red (85%)
- Green (71%)
- Blue (31%)



- Red (49%)
- Yellow (85%)
- Blue (31%)



- Cyan (0%)
- Magenta (16%)
- Yellow (64%)
- Black (15%)



- Cyan (15%)
- Magenta (29%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color D9B64E 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 D9B64E by changing the saturation by 10% instead.

 D9B64E

 D9B64E

FFFFFF

 BC9B33

 FFEE83

 9F8116

 FFFF9E

 826900

 FFFFBA

 675100

 FFFF7D

 4C3A00

 FFFFF4

 322500

 191000

 000000

 D9B64E

 D9B64E

 D9B138

 D9BB64

 D9AB23

 D9C179

 D9A60D

 D9C68F

 D9A200

 D9CCA5

 D9D1BB

 D9D7D0

 D9DCE6

 D9E2FC

 D9E7FF

Harmonies

Analogous

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



FFA361



D9B64E



A5C55B

Triad

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



D9B64E



00D3EA



F799F0

Complementary

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



D9B64E



4E71D9

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.



B9ADFF



D9B64E



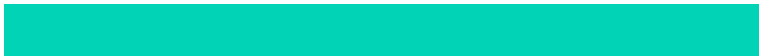
00CCFF

Square

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



D9B64E



00D3B6



50C0FF



FF8DBD

Rectangle

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



D9B64E



7BCC73



50C0FF



E69FFE

Sweetspot

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



D9B64E



FFF3CF



D94E73



807862



000000



808080

Same Dimension

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



D9B64E



FFCE3B



B9D94E



6E6B63



AD8200



2E2200

Inverse Universe

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



4E71D9



3B6CFF



6E4ED9



63656E



002CAD



000C2E

Previews

White Background



This preview shows how the Hex color D9B64E looks on a white background.

Color Contrast Check

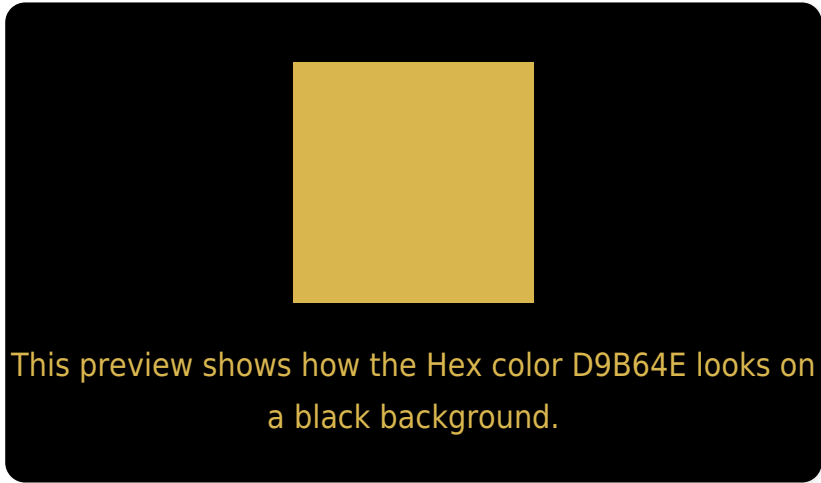
Large Text (above 18pt) WCAG AA × Fail

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 D9B64E Background



This preview shows how black text looks on a background with the Hex color D9B64E.



This preview shows how white text looks on a background with the Hex color D9B64E.

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](#).

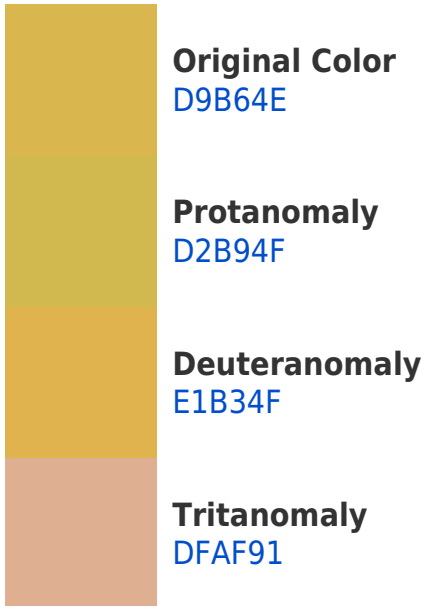
Dichromacy





Tritanopia
E2ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D9B64E 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 #D9B64E looks like.

```
.text, #text, p{  
    color:#D9B64E  
}
```

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 #D9B64E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D9B64E
}
```

Border

The CSS property to change the border of an element to Hex D9B64E 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
#D9B64E }
```

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

```
.border{ border-color:#D9B64E }
```

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

Here you see how a box with a 4 pixel #D9B64E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D9B64E; -webkit-box-shadow:4px 4px  
4px 4px #D9B64E; box-shadow:4px 4px 4px  
4px #D9B64E }
```

Background

The CSS property to change the background color of an element to Hex D9B64E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D9B64E }
```

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

```
.background{ background-color:#D9B64E }
```

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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