

Converting Colors

Hex(D8B257)

Have a look what the booklet for
Hex(D8B257) contains.

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Color

Hex(D8B257)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D8B257 |
| RGB | 216, 178, 87 |
| RGB Percent | 85%, 70%, 34% |
| CMY | 0.1529, 0.3020, 0.6588 |
| CMYK | 0.00, 0.18, 0.60, 0.15 |
| HSL | 42°, 62%, 59% |
| HSV | 42°, 60%, 85% |
| XYZ | 45.9596, 47.1278, 15.6911 |
| YIQ | 178.9880, 51.8590, -20.2450 |

Conversions

Conversions Part 2

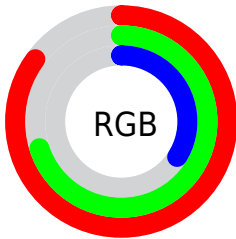
| Format | Color |
|-------------------------------------|--|
| RYB | 141, 216, 87 |
| Decimal | 14201431 |
| CIELab | 74.27, 3.35, 50.78 |
| CIElCh | 74, 50.894, 86.229 |
| Yxy | 47.1278, 0.4225, 0.4332 |
| Android (android.graphics.Color) | 4292391511 (0xFFD8B257) |
| YUV | 178.9880, -45.3501, 32.4595 |
| Hunter-Lab | 68.6497, -0.6349, 34.5031 |

Details

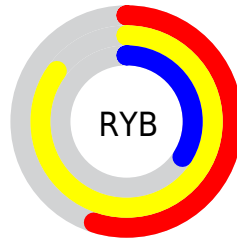
The Hex color **D8B257** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **577DD8**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFE98C**, and **9E7E23** is the 20% darker color. If you saturate the color by 10%, you get **D8AC41**, and if you desaturate by 10%, it is **D8B86D**.

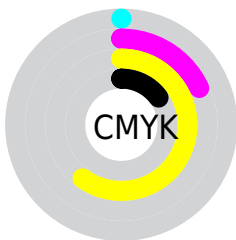
Distribution



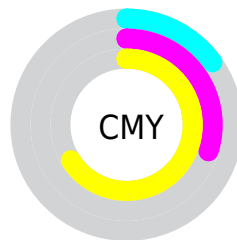
- Red (85%)
- Green (70%)
- Blue (34%)



- Red (55%)
- Yellow (85%)
- Blue (34%)



- Cyan (0%)
- Magenta (18%)
- Yellow (60%)
- Black (15%)



- Cyan (15%)
- Magenta (30%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color D8B257 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 D8B257 by changing the saturation by 10% instead.

 D8B257

 D8B257

FFFFFF

 BB973D

 FFE98C

 9E7E23

 FFFFA7

 826502

 FFFFC3

 674D00

 FFFFDF

 4C3700

 FFFFFC

 322200

 190C00

 000000

 D8B257

 D8B257

 D8AC41

 D8B86D

 D8A52C

 D8BF82

 D89F16

 D8C598

 D89901

 D8CBAD

 D89800

 D8D2C3

 D8D8D9

 D8DFEE

 D8E5FF

 D8EBFF

Harmonies

Analogous

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



FBA16A



D8B257



AAC060

Triad

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



D8B257



00CEDF



EB9BEB

Complementary

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



D8B257



577DD8

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.



B1ADFF



D8B257



00C9FF

Square

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



D8B257



00CEAF



56BDFE



FF90BF

Rectangle

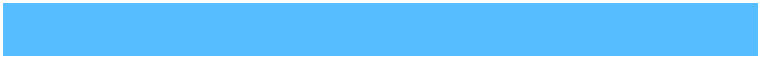
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D8B257



85C774



56BDFF



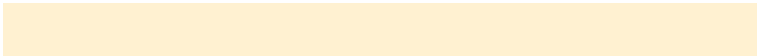
DBA1F8

Sweetspot

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



D8B257



FFF1D1



D8577E



807763



000000



808080

Same Dimension

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



D8B257



FFC947



BED857



6B6860



AB7900



2B1F00

Inverse Universe

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



577DD8



477DFF



7157D8



60646B



0032AB



000D2B

Previews

White Background



This preview shows how the Hex color D8B257 looks on a white background.

Color Contrast Check

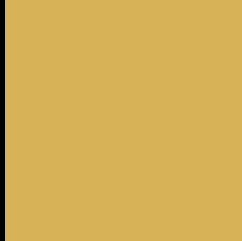
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color D8B257 looks on a 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 D8B257 Background



This preview shows how black text looks on a background with the Hex color D8B257.

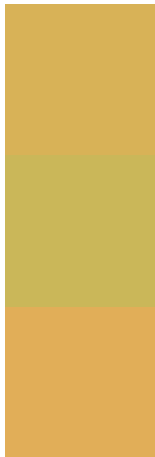


This preview shows how white text looks on a background with the Hex color D8B257.

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
D8B257

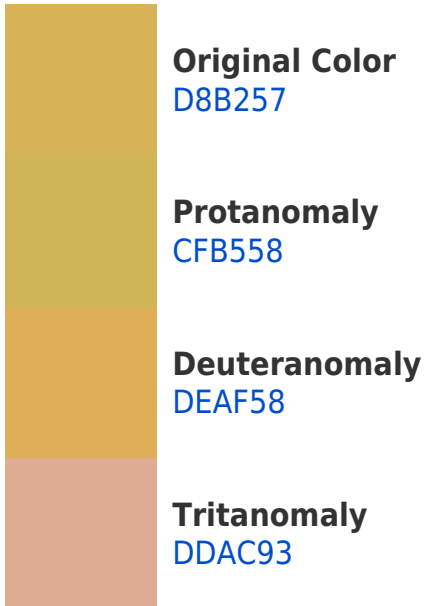
Protanopia
CAB759

Deuteranopia
E1AE58



Tritanopia
E0A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D8B257 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 #D8B257 looks like.

```
.text, #text, p{  
    color:#D8B257  
}
```

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 #D8B257 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8B257
}
```

Border

The CSS property to change the border of an element to Hex D8B257 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
#D8B257 }
```

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

```
.border{ border-color:#D8B257 }
```

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

Here you see how a box with a 4 pixel #D8B257 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8B257; -webkit-box-shadow:4px 4px  
4px 4px #D8B257; box-shadow:4px 4px 4px  
4px #D8B257 }
```

Background

The CSS property to change the background color of an element to Hex D8B257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8B257 }
```

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

```
.background{ background-color:#D8B257 }
```

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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