

Converting Colors

Hex(D0945B)

Have a look what the booklet for
Hex(D0945B) contains.

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Color

Hex(D0945B)

Conversions

Conversions Part 1

Format	Color
Hex	D0945B
RGB	208, 148, 91
RGB Percent	82%, 58%, 36%
CMY	0.1843, 0.4196, 0.6431
CMYK	0.00, 0.29, 0.56, 0.18
HSL	29°, 55%, 59%
HSV	29°, 56%, 82%
XYZ	38.4907, 35.3450, 14.6911
YIQ	159.4420, 54.0570, -5.0070

Conversions

Conversions Part 2

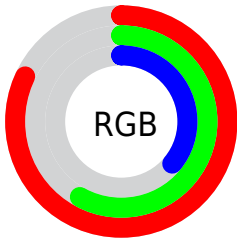
Format	Color
R_{YB}	208, 202, 91
Decimal	13669467
CIE Lab	66.02, 16.40, 38.83
CIE LCh	66, 42.150, 67.099
Yxy	35.3450, 0.4348, 0.3993
Android (android.graphics.Color)	4291859547 (0xFFD0945B)
YUV	159.4420, -33.7419, 42.5854
Hunter-Lab	59.4517, 11.5253, 26.9650

Details

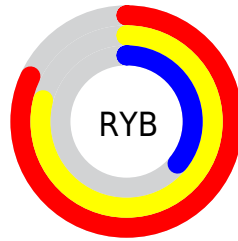
The Hex color **D0945B** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **5B97D0**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **FFCA8E**, and **96612B** is the 20% darker color. If you saturate the color by 10%, you get **D08946**, and if you desaturate by 10%, it is **D09F70**.

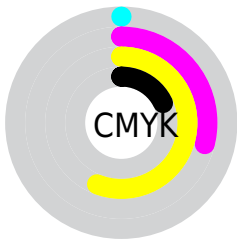
Distribution



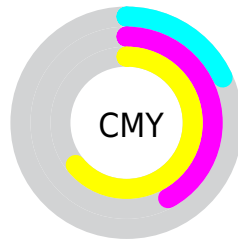
- Red (82%)
- Green (58%)
- Blue (36%)



- Red (82%)
- Yellow (79%)
- Blue (36%)



- Cyan (0%)
- Magenta (29%)
- Yellow (56%)
- Black (18%)



- Cyan (18%)
- Magenta (42%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0945B 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 D0945B by changing the saturation by 10% instead.

 D0945B

 D0945B

FFFFFF

 B37A43

 FFCA8E

 96612B

 FFE6A9

 7A4913

 FFFFC5

 5F3300

 FFFFE1

 441D00

FFFFFFE

 2B0800

 000000

 D0945B

 D0945B

 D08946

 D09F70

 D07F31

 D0A985

 D0741D

 D0B499

 D06908

 D0BFAE

 D06500

 D0C9C3

 D0D4D8

 D0DFED

 D0E9FF

 D0F4FF

Harmonies

Analogous

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



E58875



D0945B



AFA154

Triad

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



D0945B



00B4A8



B093DD

Complementary

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



D0945B



5B97D0

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.



75A1EB



D0945B



00B3CD

Square

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



D0945B



56B282



0BACE5



D786BF

Rectangle

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



D0945B



95A85B



0BACE5



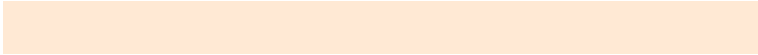
9E98E4

Sweetspot

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



D0945B



FFE9D4



D05B97



807266



000000



808080

Same Dimension

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



D0945B



FFA652



D0CE5B



69635E



A85200



291400

Inverse Universe

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



5B97D0



52ABFF



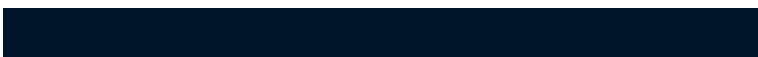
5B5DD0



5E6369



0056A8



001529

Previews

White Background



This preview shows how the Hex color D0945B looks on a white background.

Color Contrast Check

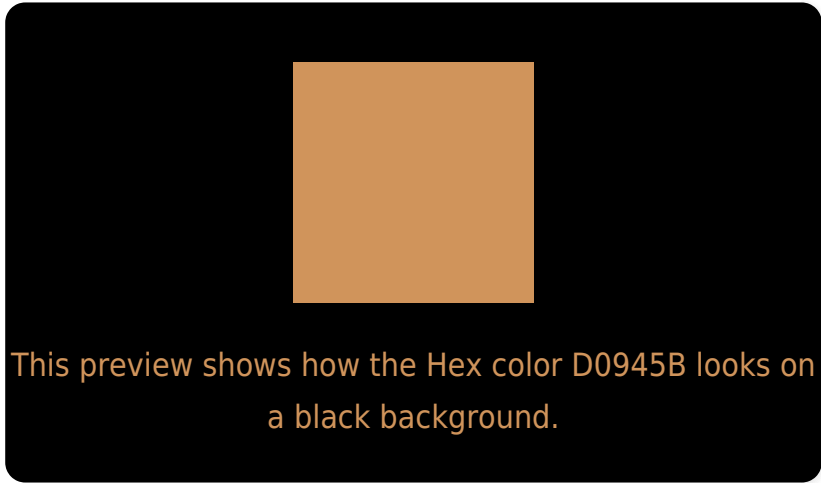
Large Text (above 18pt) WCAG AA × Fail

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

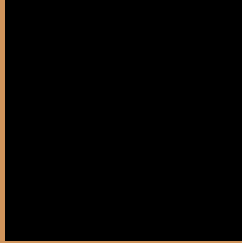
Any Text WCAG AA ✓ Pass

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 D0945B Background



This preview shows how black text looks on a background with the Hex color D0945B.



This preview shows how white text looks on a background with the Hex color D0945B.

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
D0945B

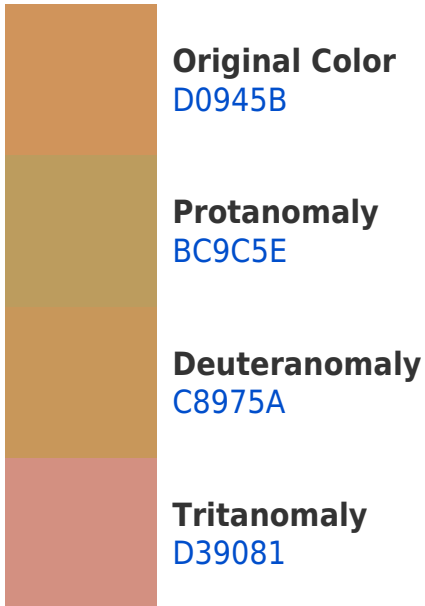
Protanopia
B0A160

Deuteranopia
C4995A

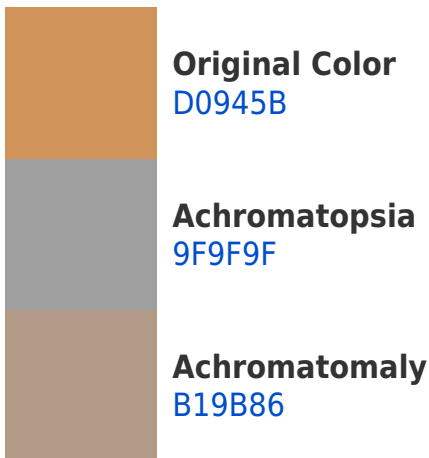


Tritanopia
D58D97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D0945B 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 #D0945B looks like.

```
.text, #text, p{  
    color:#D0945B  
}
```

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 #D0945B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0945B
}
```

Border

The CSS property to change the border of an element to Hex D0945B 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
#D0945B }
```

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

```
.border{ border-color:#D0945B }
```

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

Here you see how a box with a 4 pixel #D0945B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0945B; -webkit-box-shadow:4px 4px  
4px 4px #D0945B; box-shadow:4px 4px 4px  
4px #D0945B }
```

Background

The CSS property to change the background color of an element to Hex D0945B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0945B }
```

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

```
.background{ background-color:#D0945B }
```

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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