

# Converting Colors

Hex(DC905B)

Have a look what the booklet for  
Hex(DC905B) contains.

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**Color**

**Hex(DC905B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DC905B
RGB	220, 144, 91
RGB Percent	86%, 56%, 36%
CMY	0.1373, 0.4353, 0.6431
CMYK	0.00, 0.35, 0.59, 0.14
HSL	25°, 65%, 61%
HSV	25°, 59%, 86%
XYZ	41.3768, 35.9175, 14.6495
YIQ	160.6820, 62.3090, -0.3710

# Conversions

## Conversions Part 2

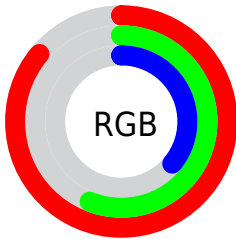
Format	Color
<a href="#">RYB</a>	220, 181, 91
Decimal	14454875
CIELab	66.46, 23.53, 39.68
CIELCh	66, 46.134, 59.338
Yxy	35.9175, 0.4500, 0.3906
Android (android.graphics.Color)	4292644955 (0xFFDC905B)
YUV	160.6820, -34.3532, 52.0219
Hunter-Lab	59.9312, 18.3576, 27.4591

# Details

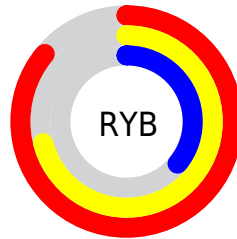
The Hex color **DC905B** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **5BA7DC**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFC68E**, and **A15D2B** is the 20% darker color. If you saturate the color by 10%, you get **DC8345**, and if you desaturate by 10%, it is **DC9D71**.

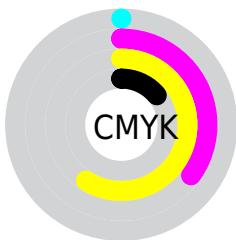
# Distribution



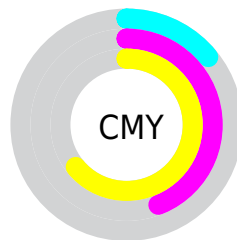
- Red (86%)
- Green (56%)
- Blue (36%)



- Red (86%)
- Yellow (71%)
- Blue (36%)



- Cyan (0%)
- Magenta (35%)
- Yellow (59%)
- Black (14%)



- Cyan (14%)
- Magenta (44%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DC905B 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 DC905B by changing the saturation by 10% instead.



 DC905B

 DC905B

FFFFFF

 BE7643

 FFC68E

 A15D2B

 FFE2A9

 844513

 FFFFC5

 682E00

 FFFFE1

 4D1800

FFFFFFE

 320200

 130000

 000000

 DC905B

 DC905B

 DC8345

 DC9D71

 DC762F

 DCAA87

 DC6919

 DCB79D

 DC5C03

 DCC4B3

 DC5A00

 DCD1C9

 DCDEDF

 DCEBF5

 DCF8FF

 DCFFFF

# Harmonies

## Analogous

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



EE837B



DC905B



BB9F4D

# Triad

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



DC905B



00B79F



A397EA

# Complementary

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



DC905B



5BA7DC

# 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.



57A6F4



DC905B



00B6C9

# Square

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



DC905B



5DB376



00B1E8



D488CD

# Rectangle

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



DC905B



A0A851



00B1E8



8E9CF0



# Sweetspot

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



DC905B



FFE4D1



DC5BA8



806F63



000000



808080



# Same Dimension

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



DC905B



FF964D



DCCF5B



6E6763



AD4700



2E1300



# Inverse Universe

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



5BA7DC



4DB6FF



5B68DC



63696E



0066AD



001B2E



# Previews

## White Background



This preview shows how the Hex color DC905B looks on a white background.

## Color Contrast Check

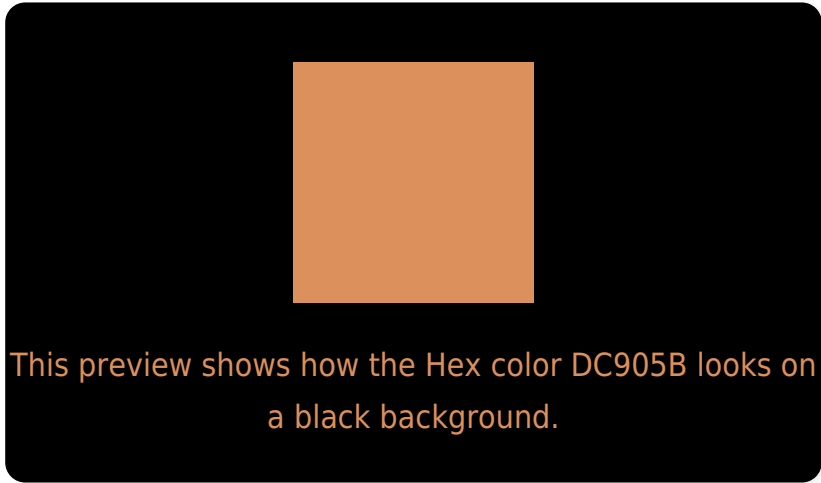
Large Text (above 18pt) WCAG AA × Fail

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

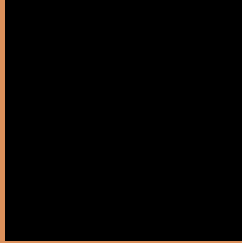
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex DC905B Background



This preview shows how black text looks on a background with the Hex color DC905B.

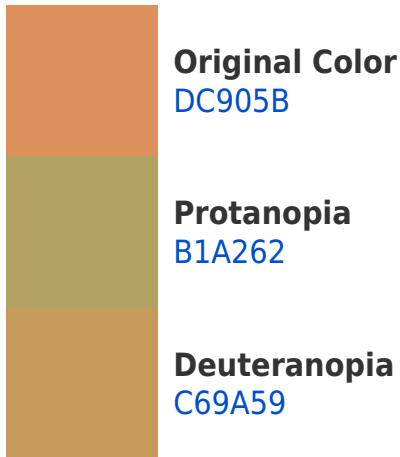


This preview shows how white text looks on a background with the Hex color DC905B.

# 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**  
E08993

# Trichromacy



**Original Color**  
DC905B

**Protanomaly**  
C19B5F

**Deuteranomaly**  
CE965A

**Tritanomaly**  
DF8C7F

# Monochromacy



**Original Color**  
DC905B

**Achromatopsia**  
A1A1A1

**Achromatomaly**  
B69B88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DC905B 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 #DC905B looks like.

```
.text, #text, p{  
    color:#DC905B  
}
```

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 #DC905B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC905B
}
```

## Border

The CSS property to change the border of an element to Hex DC905B 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
#DC905B }
```

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

```
.border{ border-color:#DC905B }
```

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

Here you see how a box with a 4 pixel #DC905B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC905B; -webkit-box-shadow:4px 4px  
4px 4px #DC905B; box-shadow:4px 4px 4px  
4px #DC905B }
```

# Background

The CSS property to change the background color of an element to Hex DC905B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC905B }
```

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

```
.background{ background-color:#DC905B }
```

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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