

Converting Colors

Hex(DC9565)

Have a look what the booklet for
Hex(DC9565) contains.

Hex(DC9565)	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(DC9565)

Conversions

Conversions Part 1

Format	Color
Hex	DC9565
RGB	220, 149, 101
RGB Percent	86%, 58%, 40%
CMY	0.1373, 0.4157, 0.6039
CMYK	0.00, 0.32, 0.54, 0.14
HSL	24°, 63%, 63%
HSV	24°, 54%, 86%
XYZ	42.6116, 37.6501, 17.3332
YIQ	164.7570, 57.7240, 0.1240

Conversions

Conversions Part 2

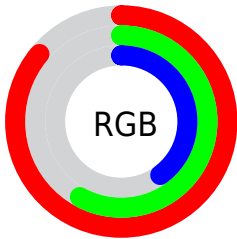
Format	Color
RYB	220, 181, 101
Decimal	14456165
CIELab	67.76, 21.63, 36.02
CIELCh	68, 42.021, 59.012
Yxy	37.6501, 0.4366, 0.3858
Android (android.graphics.Color)	4292646245 (0xFFDC9565)
YUV	164.7570, -31.4322, 48.4481
Hunter-Lab	61.3597, 16.5809, 26.2032

Details

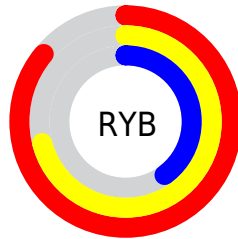
The Hex color **DC9565** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **65ACDC**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFCB99**, and **A26235** is the 20% darker color. If you saturate the color by 10%, you get **DC884F**, and if you desaturate by 10%, it is **DCA27B**.

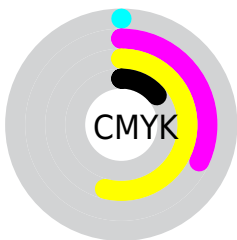
Distribution



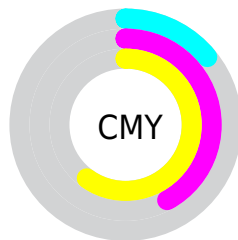
- Red (86%)
- Green (58%)
- Blue (40%)



- Red (86%)
- Yellow (71%)
- Blue (40%)



- Cyan (0%)
- Magenta (32%)
- Yellow (54%)
- Black (14%)



- Cyan (14%)
- Magenta (42%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC9565 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 DC9565 by changing the saturation by 10% instead.

 DC9565

 DC9565

FFFFFF

 BF7B4C

 FFCB99

 A26235

 FFE8B4

 854A1E

 FFFFCF

 693306

 FFFFEC

 4F1C00

 340700

 190001

 000000

 DC9565

 DC9565

 DC884F

 DCA27B

 DC7B39

 DCAF91

 DC6E23

 DCBCA7

 DC600D

 DCCABD

 DC5900

 DCD7D3

 DCE4E9

 DCF1FF

 DCFEFF

 DCFFFF

Harmonies

Analogous

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



EC8A82



DC9565



BEA258

Triad

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



DC9565



27B9A2



A79CE7

Complementary

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



DC9565



65ACDC

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.



66A9F0



DC9565



00B8C9

Square

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



DC9565



69B57D



00B3E5



D38ECD

Rectangle

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



DC9565



A5AA5C



00B3E5



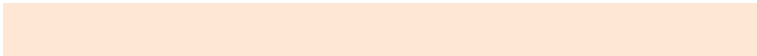
94A0ED

Sweetspot

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



DC9565



FFE7D6



DC65AC



807167



000000



808080

Same Dimension

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



DC9565



FF9C59



DCD065



6E6763



AD4600



2E1300

Inverse Universe

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



65ACDC



59BCFF



6571DC



63696E



0067AD



001B2E

Previews

White Background



This preview shows how the Hex color DC9565 looks on a white background.

Color Contrast Check

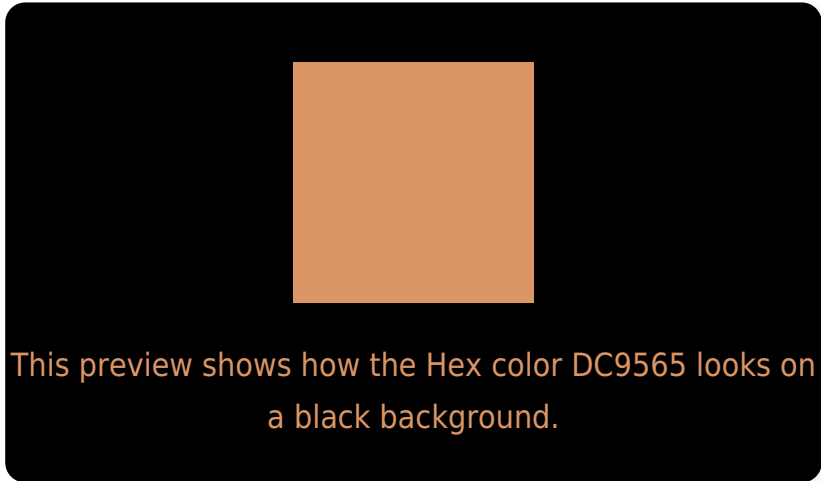
Large Text (above 18pt) WCAG AA × Fail

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

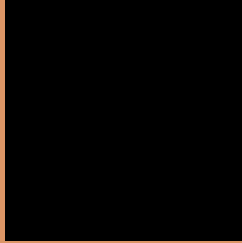
Any Text WCAG AA ✓ Pass

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 DC9565 Background



This preview shows how black text looks on a background with the Hex color DC9565.



This preview shows how white text looks on a background with the Hex color DC9565.

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
E08E99

Trichromacy



Original Color
DC9565

Protanomaly
C39F69

Deuteranomaly
D09B64

Tritanomaly
DF9186

Monochromacy



Original Color
DC9565

Achromatopsia
A5A5A5

Achromatomaly
B99F8E

CSS Examples

Text

The CSS property to change the color of the text to Hex DC9565 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 #DC9565 looks like.

```
.text, #text, p{  
    color:#DC9565  
}
```

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 #DC9565 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC9565
}
```

Border

The CSS property to change the border of an element to Hex DC9565 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
#DC9565 }
```

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

```
.border{ border-color:#DC9565 }
```

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

Here you see how a box with a 4 pixel #DC9565 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC9565; -webkit-box-shadow:4px 4px  
4px 4px #DC9565; box-shadow:4px 4px 4px  
4px #DC9565 }
```

Background

The CSS property to change the background color of an element to Hex DC9565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC9565 }
```

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

```
.background{ background-color:#DC9565 }
```

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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