

Converting Colors

Hex(DA9550)

Have a look what the booklet for
Hex(DA9550) contains.

Hex(DA9550)	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(DA9550)

Conversions

Conversions Part 1

Format	Color
Hex	DA9550
RGB	218, 149, 80
RGB Percent	85%, 58%, 31%
CMY	0.1451, 0.4157, 0.6863
CMYK	0.00, 0.32, 0.63, 0.15
HSL	30°, 65%, 58%
HSV	30°, 63%, 85%
XYZ	41.1089, 36.9795, 12.5605
YIQ	161.7650, 63.2730, -6.8310

Conversions

Conversions Part 2

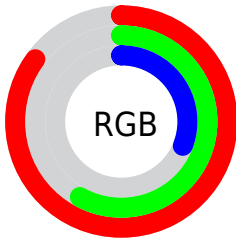
Format	Color
R _Y B	218, 218, 80
Decimal	14325072
CIE Lab	67.26, 19.24, 46.19
CIE LCh	67, 50.041, 67.390
Yxy	36.9795, 0.4535, 0.4079
Android (android.graphics.Color)	4292515152 (0xFFDA9550)
YUV	161.7650, -40.3101, 49.3181
Hunter-Lab	60.8108, 14.2494, 30.3212

Details

The Hex color **DA9550** 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 **5095DA**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFCB83**, and **9F621E** is the 20% darker color. If you saturate the color by 10%, you get **DA8A3A**, and if you desaturate by 10%, it is **DAA066**.

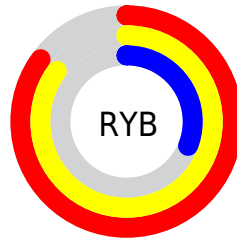
Distribution



Red (85%)

Green (58%)

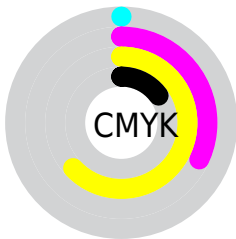
Blue (31%)



Red (85%)

Yellow (85%)

Blue (31%)

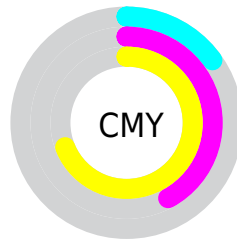


Cyan (0%)

Magenta (32%)

Yellow (63%)

Black (15%)



Cyan (15%)

Magenta (42%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color DA9550 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 DA9550 by changing the saturation by 10% instead.

 DA9550

 DA9550

FFFFFF

 BC7B37

 FFCB83

 9F621E

 FFE79E

 824A01

 FFFFB9

 673300

 FFFFD6

 4B1D00

 FFFFF2

 300800

 120000

 000000

 DA9550

 DA9550

■ DA8A3A

■ DAA066

■ DA7F24

■ DAAB7C

■ DA740F

■ DAB691

■ DA6D00

■ DAC1A7

■ DACBBD

■ DAD6D3

■ DAE1E9

■ DAECFE

■ DAF7FF

Harmonies

Analogous

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



F3856F



DA9550



B4A547

Triad

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



DA9550



00BBAE



B693EC

Complementary

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



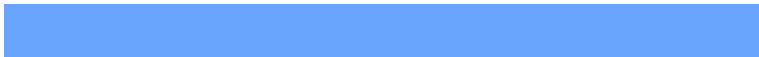
DA9550



5095DA

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.



6AA5FD



DA9550



00B9D9

Square

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



DA9550



42B87F



00B2F6



E483C7

Rectangle

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



DA9550



95AD50



00B2F6



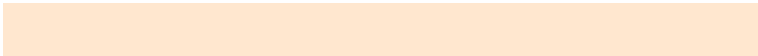
A099F4

Sweetspot

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



DA9550



FFE7CF



DA5095



807162



000000



808080

Same Dimension

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



DA9550



FF9E3D



DADA50



6E6863



AD5700



2E1700

Inverse Universe

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



5095DA



3D9EFF



5050DA



63686E



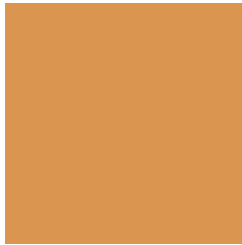
0057AD



00172E

Previews

White Background



This preview shows how the Hex color DA9550 looks on a white background.

Color Contrast Check

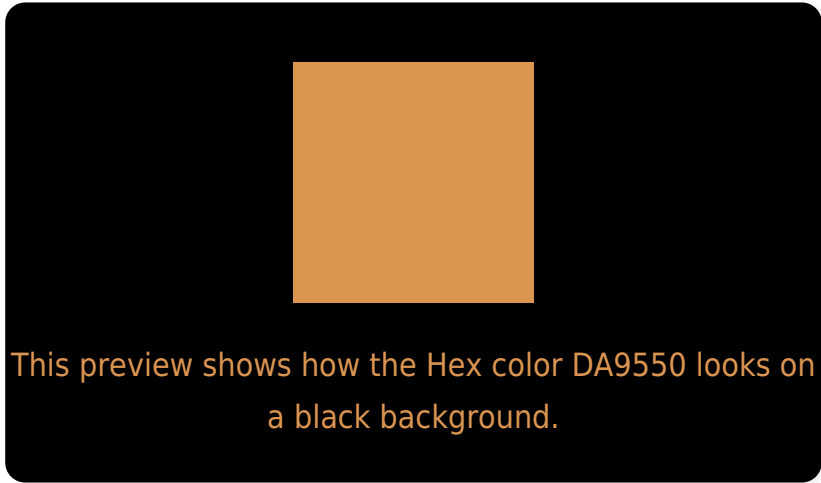
Large Text (above 18pt) WCAG AA × Fail

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 DA9550 Background



This preview shows how black text looks on a background with the Hex color DA9550.



This preview shows how white text looks on a background with the Hex color DA9550.

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
DA9550

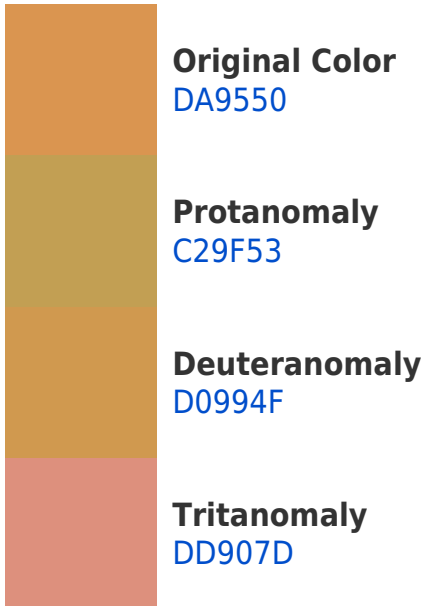
Protanopia
B5A455

Deuteranopia
CB9C4E

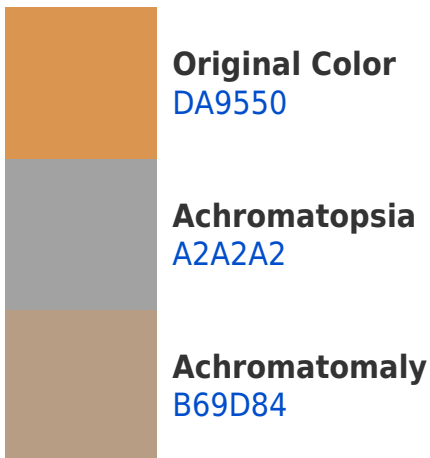


Tritanopia
DF8D97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex DA9550 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 #DA9550 looks like.

```
.text, #text, p{  
    color:#DA9550  
}
```

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 #DA9550 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DA9550  
}
```

Border

The CSS property to change the border of an element to Hex DA9550 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  
#DA9550 }
```

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

```
.border{ border-color:#DA9550 }
```

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

Here you see how a box with a 4 pixel #DA9550 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DA9550; -webkit-box-shadow:4px 4px  
4px 4px #DA9550; box-shadow:4px 4px 4px  
4px #DA9550 }
```

Background

The CSS property to change the background color of an element to Hex DA9550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DA9550 }
```

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

```
.background{ background-color:#DA9550 }
```

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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