

Converting Colors

Hex(FF9A66)

Have a look what the booklet for
Hex(FF9A66) contains.

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Color

Hex(F F 9 A 6 6)

Conversions

Conversions Part 1	
Format	Color
Hex	FF9A66
RGB	255, 154, 102
RGB Percent	100%, 60%, 40%
CMY	0.0000, 0.3961, 0.6000
CMYK	0.00, 0.40, 0.60, 0.00
HSL	20°, 100%, 70%
HSV	20°, 60%, 100%
XYZ	55.1939, 45.3305, 18.4110
YIQ	178.2710, 76.8880, 5.2400

Conversions

Conversions Part 2

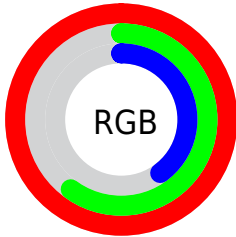
Format	Color
RYB	255, 181, 102
Decimal	16751206
CIELab	73.11, 33.05, 43.04
CIELCh	73, 54.269, 52.476
Yxy	45.3305, 0.4641, 0.3811
Android (android.graphics.Color)	4294941286 (0xFFFF9A66)
YUV	178.2710, -37.6016, 67.2913
Hunter-Lab	67.3279, 28.5063, 30.9166

Details

The Hex color **FF9A66** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **66CBFF**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFD19A**, and **C26635** is the 20% darker color. If you saturate the color by 10%, you get **FF894D**, and if you desaturate by 10%, it is **FFAB80**.

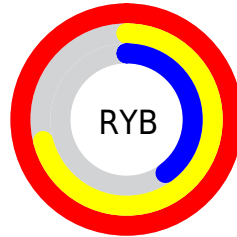
Distribution



Red (100%)

Green (60%)

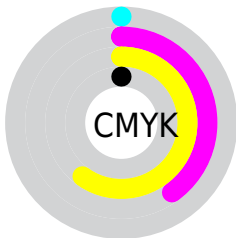
Blue (40%)



Red (100%)

Yellow (71%)

Blue (40%)

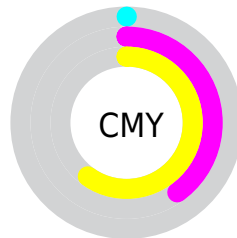


Cyan (0%)

Magenta (40%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9A66 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 FF9A66 by changing the saturation by 10% instead.

 FF9A66

FFFFFF

 FFD19A

 FFEEB5

 FFFFD1

 FFFFEE

 FF9A66

 E07F4D

 C26635

 A44D1D

 863404

 6A1C00

 4D0100

 330000

 090000

 000000

 FF9A66

 FF9A66

 FF894D

 FFAB80

 FF7833

 FFBC99

 FF6719

 FFCDB3

 FF5700

 FFDDCC

 FFEED6

FFFFFF

Harmonies

Analogous

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



FF8C90



FF9A66



DBAC4E

Triad

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



FF9A66



00CCA5



A3ABFF

Complementary

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



FF9A66



66CBFF

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.



24BDFF



FF9A66



00CCD8

Square

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



FF9A66



70C775



00C8FF



E598F1

Rectangle

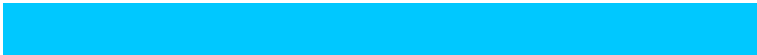
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF9A66



BDB74E



00C8FF



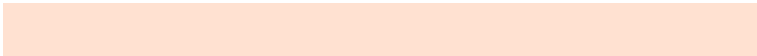
84B2FF

Sweetspot

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



FF9A66



FFE1D1



FF66CC



806D63



000000



808080

Same Dimension

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



FF9A66



FF8647



FFE666



807773



BF4100



401600

Inverse Universe

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



66CBFF



47C1FF



6680FF



737B80



007EBF



002A40

Previews

White Background



This preview shows how the Hex color FF9A66 looks on a white background.

Color Contrast Check

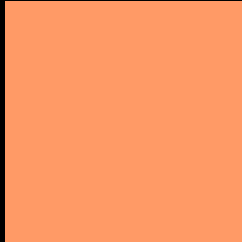
Large Text (above 18pt) WCAG AA × Fail

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 FF9A66 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 FF9A66 Background



This preview shows how black text looks on a background with the Hex color FF9A66.



This preview shows how white text looks on a background with the Hex color FF9A66.

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

FF9A66

Protanopia

C4B470





Deuteranopia

DCAC62





Tritanopia
FF959F

Trichromacy

	Original Color FF9A66
	Protanomaly D9AB6C
	Deuteranomaly E9A563
	Tritanomaly FF978A

Monochromacy

	Original Color FF9A66
	Achromatopsia B2B2B2
	Achromatomaly CEA996

CSS Examples

Text

The CSS property to change the color of the text to Hex FF9A66 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 #FF9A66 looks like.

```
.text, #text, p{  
    color:#FF9A66  
}
```

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 #FF9A66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9A66
}
```

Border

The CSS property to change the border of an element to Hex FF9A66 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
#FF9A66 }
```

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

```
.border{ border-color:#FF9A66 }
```

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

Here you see how a box with a 4 pixel #FF9A66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9A66; -webkit-box-shadow:4px 4px  
4px 4px #FF9A66; box-shadow:4px 4px 4px  
4px #FF9A66 }
```

Background

The CSS property to change the background color of an element to Hex FF9A66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9A66 }
```

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

```
.background{ background-color:#FF9A66 }
```

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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