

Converting Colors

Hex(FF9870)

Have a look what the booklet for
Hex(FF9870) contains.

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Color

Hex(F9870)

Conversions

Conversions Part 1

Format	Color
Hex	FF9870
RGB	255, 152, 112
RGB Percent	100%, 60%, 44%
CMY	0.0000, 0.4039, 0.5608
CMYK	0.00, 0.40, 0.56, 0.00
HSL	17°, 100%, 72%
HSV	17°, 56%, 100%
XYZ	55.3929, 44.8863, 21.0736
YIQ	178.2370, 74.2280, 9.3960

Conversions

Conversions Part 2

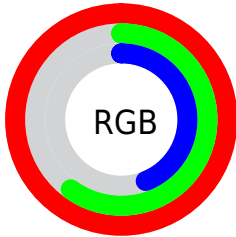
Format	Color
R_{YB}	255, 168, 112
Decimal	16750704
CIE _{Lab}	72.82, 34.81, 37.44
CIE _{LCh}	73, 51.128, 47.084
Yxy	44.8863, 0.4565, 0.3699
Android (android.graphics.Color)	4294940784 (0xFFFF9870)
YUV	178.2370, -32.6548, 67.3212
Hunter-Lab	66.9973, 30.3374, 28.2487

Details

The Hex color **FF9870** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **70D7FF**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFCFA4**, and **C2643F** is the 20% darker color. If you saturate the color by 10%, you get **FF8657**, and if you desaturate by 10%, it is **FFAA8A**.

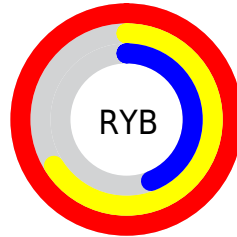
Distribution



Red (100%)

Green (60%)

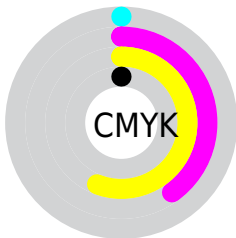
Blue (44%)



Red (100%)

Yellow (66%)

Blue (44%)

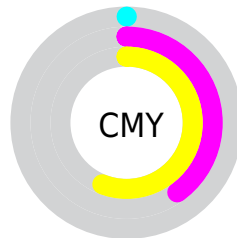


Cyan (0%)

Magenta (40%)

Yellow (56%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9870 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 FF9870 by changing the saturation by 10% instead.

 FF9870

 FF9870

FFFFFF

 E07D57

 FFCFA4

 C2643F

 FFECC0

 A44A28

 FFFFDC

 873211

 FFFFF8

 6A1900

 4E0000

 330000

 0A0000

 000000

 FF9870

 FF9870

 FF8657

 FFAA8A

 FF733D

 FFBDA3

 FF6123

 FFCFBD

 FF4F0A

 FFE1D6

 FF4700

 FFF4F0

FFFFFF

Harmonies

Analogous

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



FF8C9A



FF9870



E0A956

Triad

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



FF9870



2DC99C



95AEFF

Complementary

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



FF9870



70D7FF

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.



10BDFF



FF9870



00CBCD

Square

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



FF9870



7FC371



00C7F6



D89CF3

Rectangle

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



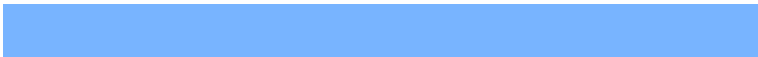
FF9870



C4B453



00C7F6



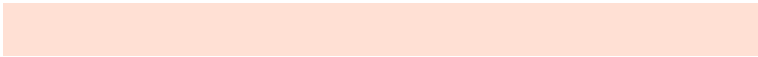
78B4FF

Sweetspot

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



FF9870



FFE0D4



FF70D9



806D66



000000



808080

Same Dimension

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



FF9870



FF8454



FFDE70



807673



BF3500



401200

Inverse Universe

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



70D7FF



54CFFF



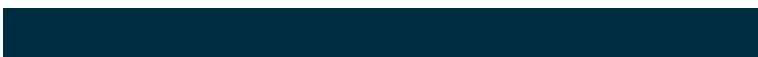
7091FF



737C80



008ABF



002E40

Previews

White Background



This preview shows how the Hex color FF9870 looks on a white background.

Color Contrast Check

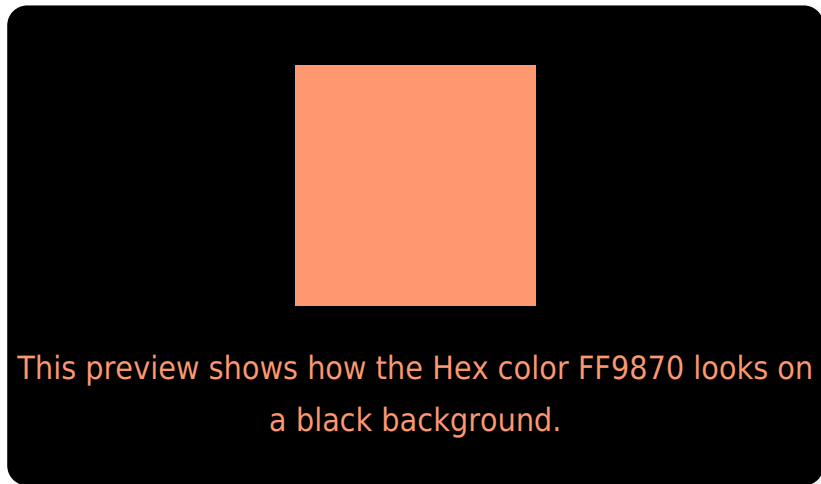
Large Text (above 18pt) WCAG AA × Fail

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 FF9870 Background



This preview shows how black text looks on a background with the Hex color FF9870.

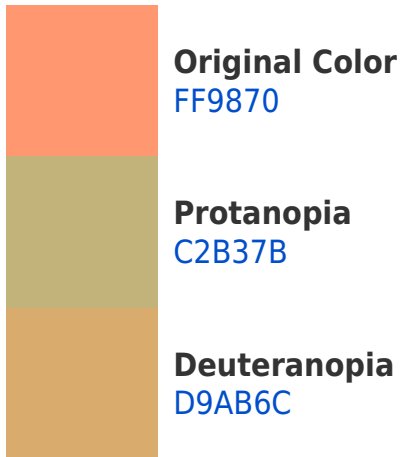


This preview shows how white text looks on a background with the Hex color FF9870.

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



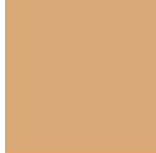


Tritanopia
FF949E

Trichromacy



Original Color
FF9870



Protanomaly
D8A977



Deuteranomaly
E7A46D

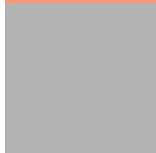


Tritanomaly
FF958D

Monochromacy



Original Color
FF9870



Achromatopsia
B2B2B2



Achromatomaly
CEA99A

CSS Examples

Text

The CSS property to change the color of the text to Hex FF9870 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 #FF9870 looks like.

```
.text, #text, p{  
    color:#FF9870  
}
```

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 #FF9870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9870
}
```

Border

The CSS property to change the border of an element to Hex FF9870 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
#FF9870 }
```

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

```
.border{ border-color:#FF9870 }
```

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

Here you see how a box with a 4 pixel #FF9870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9870; -webkit-box-shadow:4px 4px  
4px 4px #FF9870; box-shadow:4px 4px 4px  
4px #FF9870 }
```

Background

The CSS property to change the background color of an element to Hex FF9870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9870 }
```

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

```
.background{ background-color:#FF9870 }
```

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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