Converting Colors

Hex(FF9B53)

Have a look what the booklet for Hex(FF9B53) contains.

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Color

Hex(FF9B53)

Conversions

Conversions Part 1

Format	Color
Hex	FF9B53
RGB	255, 155, 83
RGB Percent	100%, 61%, 33%
CMY	0.0000, 0.3922, 0.6745
CMYK	0.00, 0.39, 0.67, 0.00
HSL	25°, 100%, 66%
HSV	25°, 67%, 100%
XYZ	54.5227, 45.3272, 14.0590
YIQ	176.6920, 82.7120, -1.1920

Conversions

Conversions Part 2

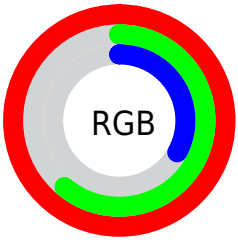
Format	Color
RYB	255, 207, 83
Decimal	16751443
CIELab	73.11, 31.37, 52.55
CIELCh	73, 61.196, 59.165
Yxy	45.3272, 0.4787, 0.3979
Android (android.graphics.Color)	4294941523 (0xFFFF9B53)
YUV	176.6920, -46.1902, 68.6761
Hunter-Lab	67.3255, 26.7363, 34.7468

Details

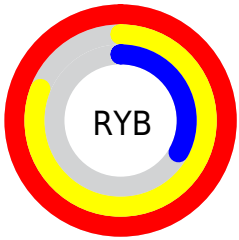
The Hex color FF9B53 is a light color, and the websafe version is hex FF9966. The color can be described as light muted orange. A complement of this color would be 53B7FF, and the grayscale version is B1B1B1.

A 20% lighter version of the original color is FFD287, and C16720 is the 20% darker color. If you saturate the color by 10%, you get FF8C39, and if you desaturate by 10%, it is FFAA6C.

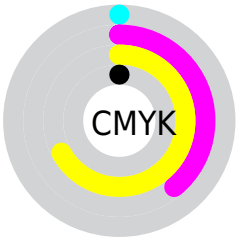
Distribution



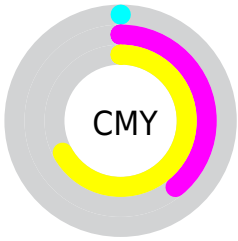
- Red (100%)
- Green (61%)
- Blue (33%)



- Red (100%)
- Yellow (81%)
- Blue (33%)



- Cyan (0%)
- Magenta (39%)
- Yellow (67%)
- Black (0%)



- Cyan (0%)
- Magenta (39%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9B53 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 FF9B53 by changing the saturation by 10% instead.

FF9B53	FF9B53
FFFFFF	E0813A
FFD287	C16720
FFEFA2	A34E01
FFFFBE	853600
FFFFDA	681E00
FFFFF7	4B0400
	310000
	040000
	000000

FF9B53

FF8C39

FF7D20

FF6F07

FF6B00

FF9B53

FFAA6C

FFB986

FFC7A0

FFD6B9

FFE5D3

FFF4EC

FFFFFF

Harmonies

Analogous

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

FF8780

FF9B53

D4B03C

Triad

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

FF9B53

00CFB0

B2A5FF

Complementary

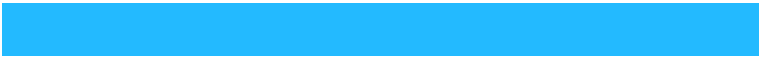
The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

FF9B53

53B7FF

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.



23BAFF

FF9B53

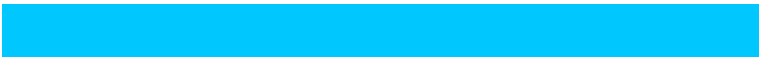
00CEE9

Square

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

FF9B53

4ECA77



00C8FF

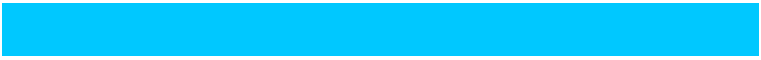
F68FEE

Rectangle

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

FF9B53

B0BC42



00C8FF

92ADFF

Sweetspot

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

FF9B53

FFE1CC

FF53B7

806E61

000000

808080

Same Dimension

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

FF9B53

FF8730

FFF153

807873

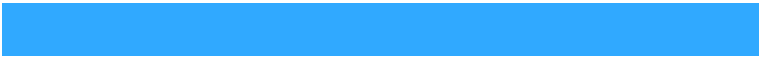
BF5000

401B00

Inverse Universe

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

53B7FF



30A9FF

5361FF

737A80

006FBF

002540

Previews

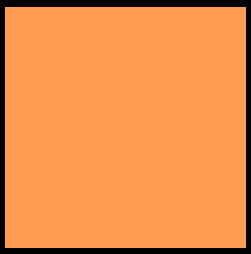
White Background

This preview shows how the Hex color FF9B53 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 FF9B53 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 FF9B53 Background

This preview shows how black text looks on a background with the Hex color FF9B53.

This preview shows how white text looks on a background with the Hex color FF9B53.

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
FF9B53

Protanopia
C7B45B

Deuteranopia
DFAB4F

Tritanopia
FF959F

Trichromacy

Original Color
FF9B53

Protanomaly
DBAB58

Deuteranomaly
EBA550

Tritanomaly
FF9783

Monochromacy

Original Color
FF9B53

Achromatopsia
B1B1B1

Achromatomaly
CDA98F

CSS Examples

Text

The CSS property to change the color of the text to Hex FF9B53 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 #FF9B53 looks like.

```
.text, #text, p{
    color:#FF9B53
}
```

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 #FF9B53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9B53
}
```

Border

The CSS property to change the border of an element to Hex FF9B53 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
#FF9B53 }
```

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

```
.border{ border-color:#FF9B53 }
```

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

Here you see how a box with a 4 pixel #FF9B53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #FF9B53; -webkit-box-shadow:4px 4px 4px 4px #FF9B53; box-shadow:4px 4px 4px 4px #FF9B53 }
```

Background

The CSS property to change the background color of an element to Hex FF9B53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#FF9B53 }
```

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

```
.background{ background-color:#FF9B53 }
```

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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