

Converting Colors

Hex(FD9055)

Have a look what the booklet for
Hex(FD9055) contains.

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Color

Hex(FD9055)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FD9055 |
| RGB | 253, 144, 85 |
| RGB Percent | 99%, 56%, 33% |
| CMY | 0.0078, 0.4353, 0.6667 |
| CMYK | 0.00, 0.43, 0.66, 0.01 |
| HSL | 21°, 98%, 66% |
| HSV | 21°, 66%, 99% |
| XYZ | 52.1210, 41.4850, 13.8547 |
| YIQ | 169.8650, 83.9030, 4.7590 |

Conversions

Conversions Part 2

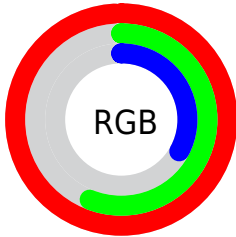
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 253, 176, 85 |
| Decimal | 16617557 |
| CIE Lab | 70.51, 36.35, 48.57 |
| CIE LCh | 71, 60.664, 53.189 |
| Yxy | 41.4850, 0.4850, 0.3860 |
| Android (android.graphics.Color) | 4294807637 (0xFFFD9055) |
| YUV | 169.8650, -41.8384, 72.9094 |
| Hunter-Lab | 64.4089, 31.7302, 32.3326 |

Details

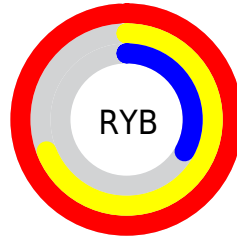
The Hex color **FD9055** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **55C2FD**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFC788**, and **BF5C24** is the 20% darker color. If you saturate the color by 10%, you get **FD803C**, and if you desaturate by 10%, it is **FDA06E**.

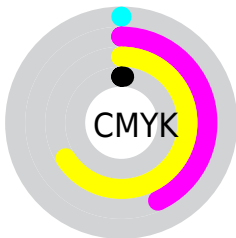
Distribution



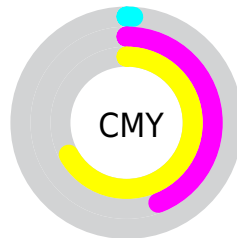
- Red (99%)
- Green (56%)
- Blue (33%)



- Red (99%)
- Yellow (69%)
- Blue (33%)



- Cyan (0%)
- Magenta (43%)
- Yellow (66%)
- Black (1%)



- Cyan (1%)
- Magenta (44%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD9055 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 FD9055 by changing the saturation by 10% instead.

 FD9055

 FD9055

FFFFFF

 DE763C

 FFC788

 BF5C24

 FFE3A3

 A14308

 FFFFBF

 832A00

 FFFFDB

 650F00

 FFFFF8

 490000

 300001

 000000

 FD9055

 FD9055

 FD803C

 FDA06E

 FD6F22

 FDB188

 FD5F09

 FDC1A1

 FD5900

 FDD2BA

 FDE2D4

 FDF2ED

FDFFFF

Harmonies

Analogous

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



FF7E84



FD9055



D5A538

Triad

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



FD9055



00C79E



99A3FF

Complementary

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



FD9055



55C2FD

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.



00B6FF



FD9055



00C7D6

Square

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



FD9055



5BC167



00C2FF



E48CEF

Rectangle

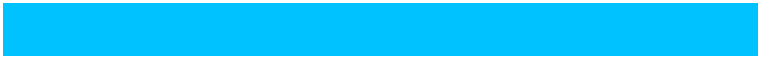
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FD9055



B3B138



00C2FF



74AAFF

Sweetspot

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



FD9055



FFDECC



FD55C2



806C61



000000



808080

Same Dimension

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



FD9055



FF7B33



FDE455



807773



BF4300



401600

Inverse Universe

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



55C2FD



33B7FF



556EFD



737B80



007CBF



002940

Previews

White Background



This preview shows how the Hex color FD9055 looks on a white background.

Color Contrast Check

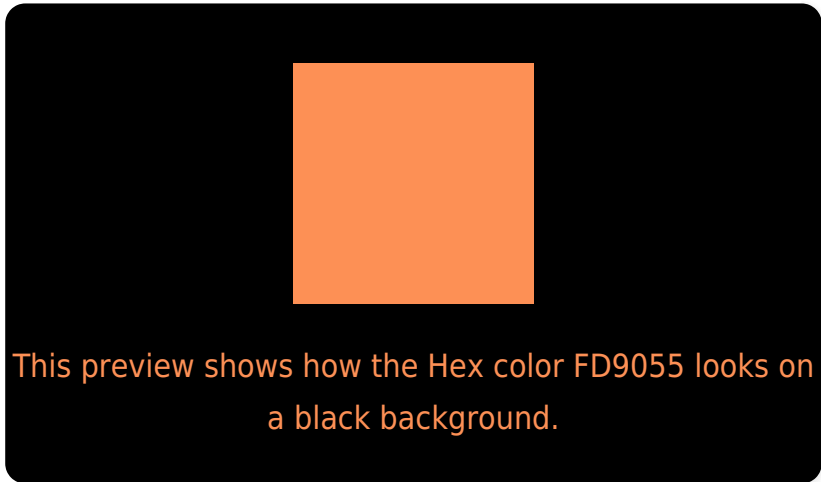
Large Text (above 18pt) WCAG AA × Fail

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

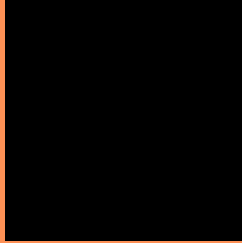
Any Text WCAG AA ✓ Pass

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 FD9055 Background



This preview shows how black text looks on a background with the Hex color FD9055.



This preview shows how white text looks on a background with the Hex color FD9055.

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
FD9055

Protanopia
BEAD5F

Deuteranopia
D6A550



Tritanopia
FF8A93

Trichromacy



Original Color
FD9055

Protanomaly
D5A25B

Deuteranomaly
E49D52

Tritanomaly
FE8C7C

Monochromacy



Original Color
FD9055

Achromatopsia
AAAAAA

Achromatomaly
C8A18B

CSS Examples

Text

The CSS property to change the color of the text to Hex FD9055 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 #FD9055 looks like.

```
.text, #text, p{  
    color:#FD9055  
}
```

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 #FD9055 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD9055
}
```

Border

The CSS property to change the border of an element to Hex FD9055 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
#FD9055 }
```

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

```
.border{ border-color:#FD9055 }
```

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

Here you see how a box with a 4 pixel #FD9055 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD9055; -webkit-box-shadow:4px 4px  
4px 4px #FD9055; box-shadow:4px 4px 4px  
4px #FD9055 }
```

Background

The CSS property to change the background color of an element to Hex FD9055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD9055 }
```

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

```
.background{ background-color:#FD9055 }
```

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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