

Converting Colors

Hex(FF9036)

Have a look what the booklet for
Hex(FF9036) contains.

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Color

Hex(F99036)

Conversions

Conversions Part 1

Format	Color
Hex	FF9036
RGB	255, 144, 54
RGB Percent	100%, 56%, 21%
CMY	0.0000, 0.4353, 0.7882
CMYK	0.00, 0.44, 0.79, 0.00
HSL	27°, 100%, 61%
HSV	27°, 79%, 100%
XYZ	51.8791, 41.4729, 8.7608
YIQ	166.9290, 95.0460, -4.4580

Conversions

Conversions Part 2

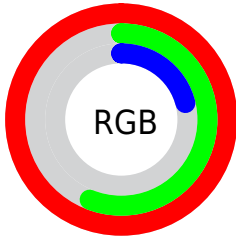
Format	Color
R _Y B	255, 217, 54
Decimal	16748598
CIE Lab	70.51, 35.75, 62.81
CIE LCh	71, 72.268, 60.350
Yxy	41.4729, 0.5081, 0.4061
Android (android.graphics.Color)	4294938678 (0xFFFF9036)
YUV	166.9290, -55.6740, 77.2383
Hunter-Lab	64.3994, 31.0977, 37.0139

Details

The Hex color **FF9036** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **36A5FF**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFC76B**, and **C05C00** is the 20% darker color. If you saturate the color by 10%, you get **FF821C**, and if you desaturate by 10%, it is **FF9E50**.

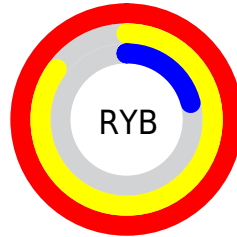
Distribution



Red (100%)

Green (56%)

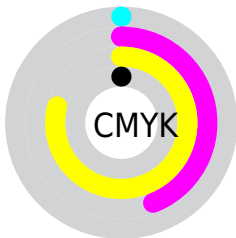
Blue (21%)



Red (100%)

Yellow (85%)

Blue (21%)

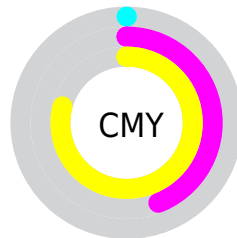


Cyan (0%)

Magenta (44%)

Yellow (79%)

Black (0%)



Cyan (0%)

Magenta (44%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF9036 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 FF9036 by changing the saturation by 10% instead.

 FF9036

 FF9036

FFFFFF

 DF7619

 FFC76B

 C05C00

 FFE386

 A14300

 FFFFA1

 832B00

 FFFFBD

 651100

 FFFFDA

 480000

 FFFFF7

 300001

 000000

 FF9036

 FF9036

■ FF821C

■ FF9E50

■ FF7403

■ FFAC69

■ FF7200

■ FFBA83

■ FFC89C

■ FFD6B5

■ FFE4CF

■ FFF3E9

FFFFFF

Harmonies

Analogous

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



FF756E



FF9036



CCAA09

Triad

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



FF9036



00CBAB



AC9BFF

Complementary

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



FF9036



36A5FF

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.



00B4FF



FF9036



00CAED

Square

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



FF9036



00C668



00C4FF



FC7DEF

Rectangle

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



FF9036



A2B71B



00C4FF



82A4FF

Sweetspot

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



FF9036



FFDDC2



FF36A8



806B5B



000000



808080

Same Dimension

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



FF9036



FF790D



FFF236



807873



BF5600



401D00

Inverse Universe

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



36A5FF



0D93FF



3643FF



737A80



006ABF



002340

Previews

White Background



This preview shows how the Hex color FF9036 looks on a white background.

Color Contrast Check

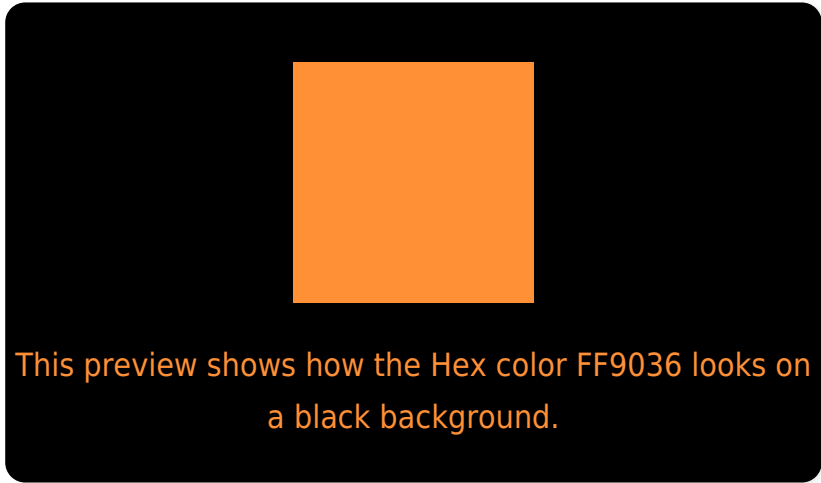
Large Text (above 18pt) WCAG AA × Fail

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 FF9036 Background



This preview shows how black text looks on a background with the Hex color FF9036.



This preview shows how white text looks on a background with the Hex color FF9036.

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
FF9036

Protanopia
C1AD3E

Deuteranopia
D9A42F



Tritanopia
FF8A93

Trichromacy



Original Color
FF9036

Protanomaly
D8A23B

Deuteranomaly
E79D32

Tritanomaly
FF8C71

Monochromacy



Original Color
FF9036

Achromatopsia
A7A7A7

Achromatomaly
C79F7E

CSS Examples

Text

The CSS property to change the color of the text to Hex FF9036 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 #FF9036 looks like.

```
.text, #text, p{  
    color:#FF9036  
}
```

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 #FF9036 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9036
}
```

Border

The CSS property to change the border of an element to Hex FF9036 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
#FF9036 }
```

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

```
.border{ border-color:#FF9036 }
```

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

Here you see how a box with a 4 pixel #FF9036 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9036; -webkit-box-shadow:4px 4px  
4px 4px #FF9036; box-shadow:4px 4px 4px  
4px #FF9036 }
```

Background

The CSS property to change the background color of an element to Hex FF9036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9036 }
```

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

```
.background{ background-color:#FF9036 }
```

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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