

# Converting Colors

Hex(FF9E05)

Have a look what the booklet for  
Hex(FF9E05) contains.

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# **Color**

**Hex(FE9E05)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF9E05
RGB	255, 158, 5
RGB Percent	100%, 62%, 2%
CMY	0.0000, 0.3804, 0.9804
CMYK	0.00, 0.38, 0.98, 0.00
HSL	37°, 100%, 51%
HSV	37°, 98%, 100%
XYZ	53.4943, 45.7247, 6.1499
YIQ	169.5610, 106.9250, -27.0190

# Conversions

## Conversions Part 2

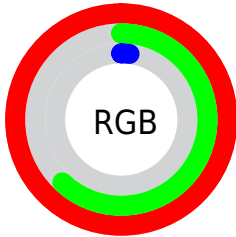
Format	Color
R <sub>Y</sub> B	163, 255, 5
Decimal	16752133
CIE Lab	73.37, 27.62, 77.34
CIE LCh	73, 82.127, 70.349
Yxy	45.7247, 0.5077, 0.4339
Android (android.graphics.Color)	4294942213 (0xFFFF9E05)
YUV	169.5610, -81.1286, 74.9300
Hunter-Lab	67.6200, 22.8764, 41.9417

# Details

The Hex color **FF9E05** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **0566FF**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFD550**, and **C06A00** is the 20% darker color. If you saturate the color by 10%, you get **FF9C00**, and if you desaturate by 10%, it is **FFA81F**.

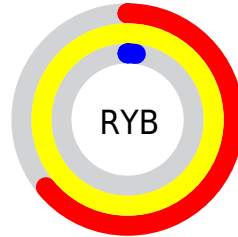
# Distribution



Red (100%)

Green (62%)

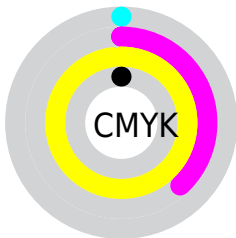
Blue (2%)



Red (64%)

Yellow (100%)

Blue (2%)

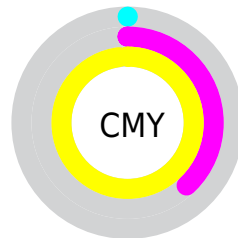


Cyan (0%)

Magenta (38%)

Yellow (98%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF9E05 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 FF9E05 by changing the saturation by 10% instead.



 FF9E05

 FF9E05

FFFFFF

 DF8400

 FFD550

 C06A00

 FFF16C

 A15200

 FFFF88

 823A00

 FFFFA4

 652300

 FFFFC1

 480B00

 FFFFDE

 2F0000

 FFFFFC

 000000

 FF9E05

 FF9E05

 FF9C00

 FFA81F

 FFB238

 FFBC52

 FFC66B

 FFCE85

 FFD99E

 FFE3B8

 FFEDD1

 FFF7EB

# Harmonies

## Analogous

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



FF7C56



FF9E05



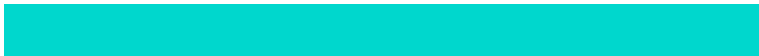
BFB900

# Triad

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



FF9E05



00D7CD



D794FF

# Complementary

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



FF9E05



0566FF

# 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.



00B5FF



FF9E05



00D4FF

# Square

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



FF9E05



00D37E



00CAFF



FF70E9

# Rectangle

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



FF9E05



8BC614



00CAFF



B1A0FF



# Sweetspot

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



FF9E05



FFE2B5



FF0569



806E53



000000



808080



# Same Dimension

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



FF9E05



FF9C00



E6FF05



807B73



BF7500



402700



# Inverse Universe

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



0566FF



0063FF



1E05FF



737880



004ABF



001940



# Previews

## White Background



This preview shows how the Hex color FF9E05 looks on a white background.

## Color Contrast Check

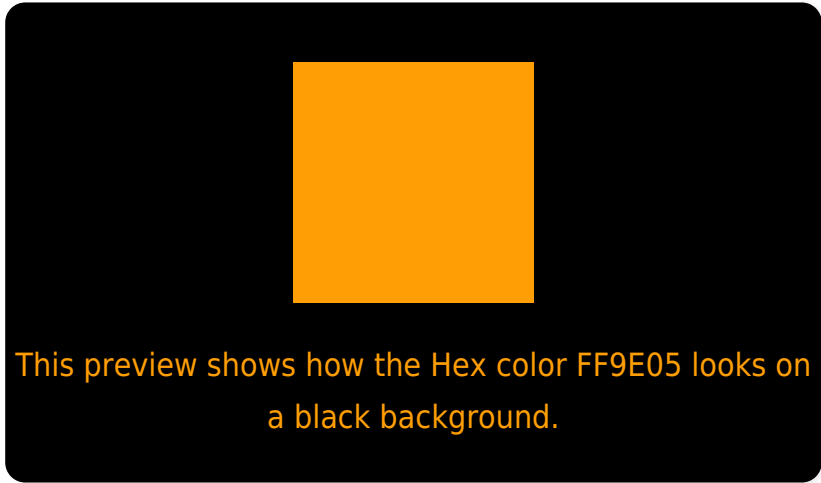
Large Text (above 18pt) WCAG AA × Fail

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 FF9E05 Background



This preview shows how black text looks on a background with the Hex color FF9E05.



This preview shows how white text looks on a background with the Hex color FF9E05.

# 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**  
FF9E05

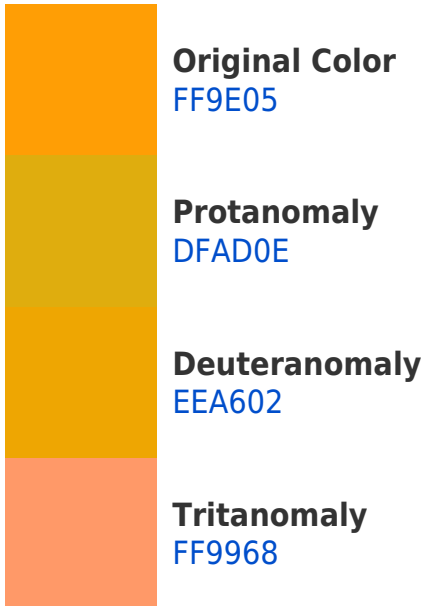
**Protanopia**  
CCB513

**Deuteranopia**  
E4AB00

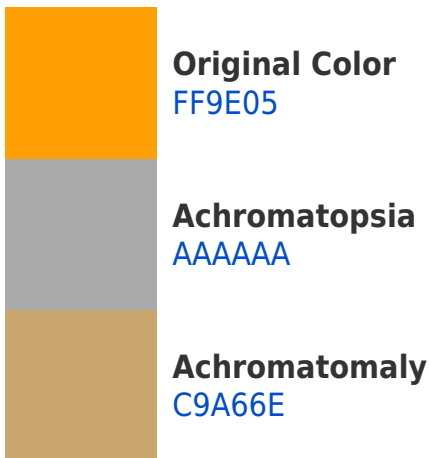


**Tritanopia**  
FF96A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF9E05 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 #FF9E05 looks like.

```
.text, #text, p{  
    color:#FF9E05  
}
```

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 #FF9E05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF9E05
}
```

## Border

The CSS property to change the border of an element to Hex FF9E05 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
#FF9E05 }
```

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

```
.border{ border-color:#FF9E05 }
```

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

Here you see how a box with a 4 pixel #FF9E05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF9E05; -webkit-box-shadow:4px 4px  
4px 4px #FF9E05; box-shadow:4px 4px 4px  
4px #FF9E05 }
```

# Background

The CSS property to change the background color of an element to Hex FF9E05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF9E05 }
```

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

```
.background{ background-color:#FF9E05 }
```

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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