

# Converting Colors

Hex(946F15)

Have a look what the booklet for  
Hex(946F15) contains.

<b>Hex(946F15)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(946F15)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	946F15
RGB	148, 111, 21
RGB Percent	58%, 44%, 8%
CMY	0.4196, 0.5647, 0.9176
CMYK	0.00, 0.25, 0.86, 0.42
HSL	43°, 75%, 33%
HSV	43°, 86%, 58%
XYZ	18.0325, 17.7189, 3.1791
YIQ	111.8030, 50.9420, -20.1460

# Conversions

## Conversions Part 2

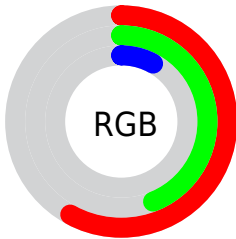
<b>Format</b>	<b>Color</b>
<b>RYB</b>	73, 148, 21
Decimal	9727765
CIELab	49.15, 6.47, 50.75
CIELCh	49, 51.159, 82.733
Yxy	17.7189, 0.4632, 0.4551
Android (android.graphics.Color)	4287917845 (0xFF946F15)
YUV	111.8030, -44.7659, 31.7448
Hunter-Lab	42.0938, 2.8032, 24.9878

# Details

The Hex color **946F15** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **153A94**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **CEA24A**, and **5D4000** is the 20% darker color. If you saturate the color by 10%, you get **946B06**, and if you desaturate by 10%, it is **947324**.

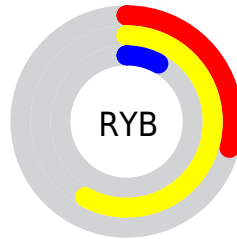
# Distribution



Red (58%)

Green (44%)

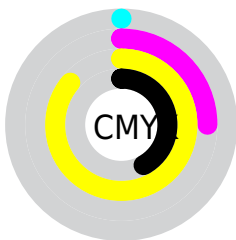
Blue (8%)



Red (29%)

Yellow (58%)

Blue (8%)

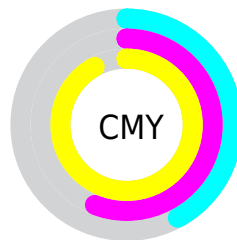


Cyan (0%)

Magenta (25%)

Yellow (86%)

Black (42%)



Cyan (42%)

Magenta (56%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 946F15 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 946F15 by changing the saturation by 10% instead.





946F15



946F15

FFFFFF



785700



CEA24A



5D4000



EBBD64



422A00



FFD97E



291600



FFF599



070000



FFFFB5



000000



FFFFD1



FFFFED



946F15



946F15

■ 946B06

■ 947324

■ 946900

■ 947833

■ 947C41

■ 948050

■ 94855F

■ 94896E

■ 948D7D

■ 94918B

■ 94969A

# Harmonies

## Analogous

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



B35E30



946F15



6B7C1B

# Triad

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



946F15



008995



9F5BAA

# Complementary

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



946F15



153A94

# 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.



626EC5



946F15



0086B9

# Square

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



946F15



008968



007DCB



BE4D81

# Rectangle

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



946F15



498231



007DCB



8F61B5



# Sweetspot

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



946F15



BFB18E



94153B



615843



E0E0E0



616161



# Same Dimension

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



946F15



BF8800



7B9415



4A4843



8A6200



0A0700



# Inverse Universe

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



153A94



0038BF



2E1594



43454A



00288A

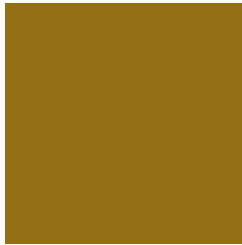


00030A



# Previews

## White Background



This preview shows how the Hex color 946F15 looks on a white background.

## Color Contrast Check

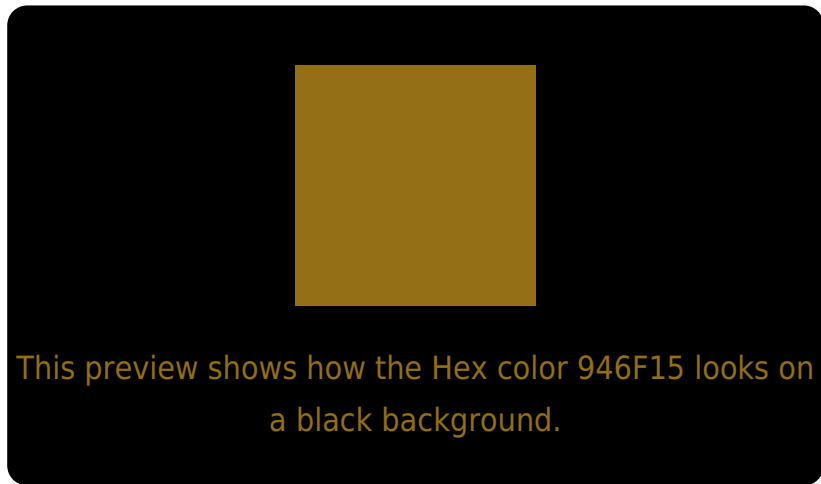
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 946F15 Background



This preview shows how black text looks on a background with the Hex color 946F15.



This preview shows how white text looks on a background with the Hex color 946F15.

# 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**  
946F15

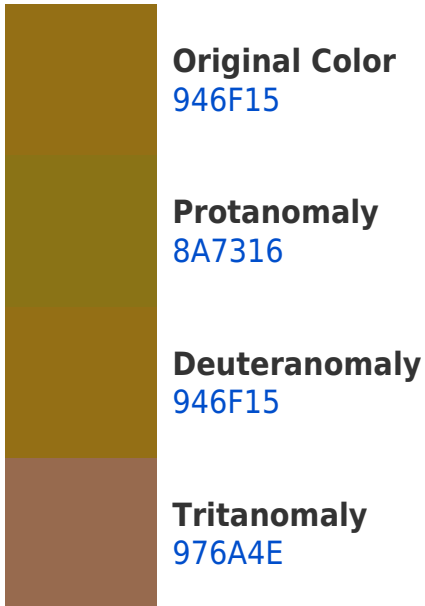
**Protanopia**  
847517

**Deuteranopia**  
946F15

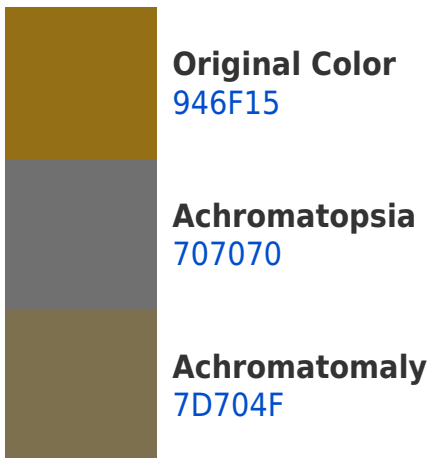


**Tritanopia**  
99676F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 946F15 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 #946F15 looks like.

```
.text, #text, p{  
    color:#946F15  
}
```

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 #946F15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #946F15
}
```

## Border

The CSS property to change the border of an element to Hex 946F15 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
#946F15 }
```

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

```
.border{ border-color:#946F15 }
```

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

Here you see how a box with a 4 pixel #946F15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #946F15; -webkit-box-shadow:4px 4px  
4px 4px #946F15; box-shadow:4px 4px 4px  
4px #946F15 }
```

# Background

The CSS property to change the background color of an element to Hex 946F15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#946F15 }
```

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

```
.background{ background-color:#946F15 }
```

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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