

# Converting Colors

Hex(30490F)

Have a look what the booklet for  
Hex(30490F) contains.

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# Color

**Hex(30490F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	30490F
RGB	48, 73, 15
RGB Percent	19%, 29%, 6%
CMY	0.8118, 0.7137, 0.9412
CMYK	0.34, 0.00, 0.79, 0.71
HSL	86°, 66%, 17%
HSV	86°, 79%, 29%
XYZ	3.6877, 5.4280, 1.3053
YIQ	58.9130, 3.7180, -23.3380

# Conversions

## Conversions Part 2

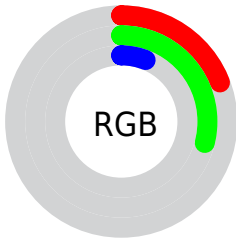
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 73, 40
Decimal	3164431
CIE <sub>Lab</sub>	27.92, -20.05, 29.95
CIE <sub>LCh</sub>	28, 36.041, 123.792
Yxy	5.4280, 0.3539, 0.5209
Android (android.graphics.Color)	4281354511 (0xFF30490F)
YUV	58.9130, -21.6491, -9.5707
Hunter-Lab	23.2980, -12.5178, 12.9868

# Details

The Hex color **30490F** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **280F49**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **617A3D**, and **001E00** is the 20% darker color. If you saturate the color by 10%, you get **2D4908**, and if you desaturate by 10%, it is **334916**.

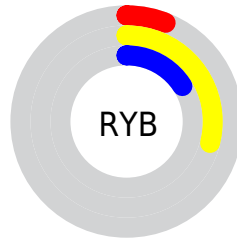
# Distribution



Red (19%)

Green (29%)

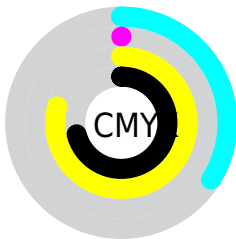
Blue (6%)



Red (6%)

Yellow (29%)

Blue (16%)

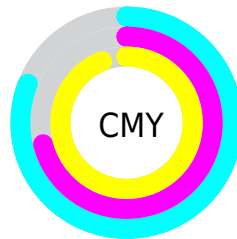


Cyan (34%)

Magenta (0%)

Yellow (79%)

Black (71%)



Cyan (81%)

Magenta (71%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 30490F 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 30490F by changing the saturation by 10% instead.





30490F



30490F



FFFFFF7



1B3200



617A3D



001E00



7A9455



000000



95AE6E



B0CA88



CBE6A3



E8FFBE



FFFFDA



30490F



30490F

■ 2D4908

■ 334916

■ 2A4900

■ 36491E

■ 394925

■ 3D492C

■ 404933

■ 43493B

■ 464942

■ 494949

■ 4C4951

# Harmonies

## Analogous

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



4D4202



30490F



004D28

# Triad

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



30490F



004B73



732640

# Complementary

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



30490F



280F49

# 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.



662D5B



30490F



004479

# Square

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



30490F



004E60



473970



712C25

# Rectangle

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



30490F



004F3B



473970



702749



# Sweetspot

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



30490F



555E48



49270F



2A3022



B0B0B0



303030



# Same Dimension

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



30490F



385E05



14490F



222420



396300



81E300



# Inverse Universe

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



280F49



2B055E



440F49



222024



2B0063

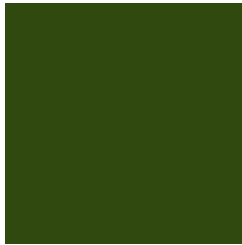


6200E3



# Previews

## White Background



This preview shows how the Hex color 30490F looks on a white background.

## Color Contrast Check

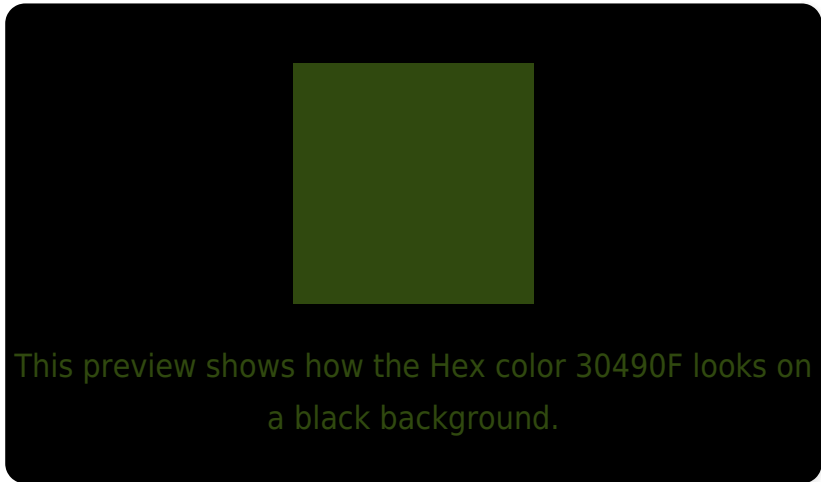
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

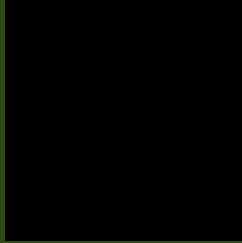
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 30490F Background



This preview shows how black text looks on a background with the Hex color 30490F.



This preview shows how white text looks on a background with the Hex color 30490F.

# 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**  
30490F

**Protanopia**  
4A20D

**Deuteranopia**  
533F14



**Tritanopia**  
374449

# Trichromacy



**Original Color**  
30490F

**Protanomaly**  
41450E

**Deuteranomaly**  
464312

**Tritanomaly**  
344634

# Monochromacy



**Original Color**  
30490F

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
37402B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 30490F 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 #30490F looks like.

```
.text, #text, p{  
    color:#30490F  
}
```

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 #30490F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30490F
}
```

## Border

The CSS property to change the border of an element to Hex 30490F 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
#30490F }
```

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

```
.border{ border-color:#30490F }
```

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

Here you see how a box with a 4 pixel #30490F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30490F; -webkit-box-shadow:4px 4px  
4px 4px #30490F; box-shadow:4px 4px 4px  
4px #30490F }
```

# Background

The CSS property to change the background color of an element to Hex 30490F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30490F }
```

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

```
.background{ background-color:#30490F }
```

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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