

# Converting Colors

Hex(3D9F24)

Have a look what the booklet for  
Hex(3D9F24) contains.

<b>Hex(3D9F24)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(3D9F24)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D9F24
RGB	61, 159, 36
RGB Percent	24%, 62%, 14%
CMY	0.7608, 0.3765, 0.8588
CMYK	0.62, 0.00, 0.77, 0.38
HSL	108°, 63%, 38%
HSV	108°, 77%, 62%
XYZ	14.6410, 25.9157, 5.8996
YIQ	115.6760, -18.9250, -59.0290

# Conversions

## Conversions Part 2

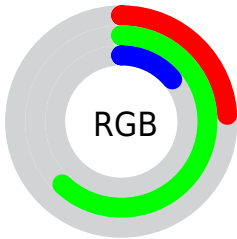
Format	Color
<a href="#">RYB</a>	<a href="#">36, 159, 134</a>
Decimal	<a href="#">4038436</a>
CIELab	<a href="#">57.96, -50.75, 51.83</a>
CIELCh	<a href="#">58, 72.541, 134.397</a>
Yxy	<a href="#">25.9157, 0.3152, 0.5579</a>
Android (android.graphics.Color)	<a href="#">4282228516 (0xFF3D9F24)</a>
YUV	<a href="#">115.6760, -39.2803, -47.9509</a>
Hunter-Lab	<a href="#">50.9075, -37.7514, 28.7642</a>

# Details

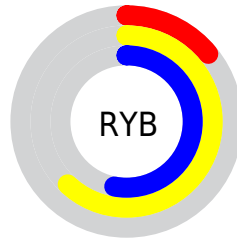
The Hex color **3D9F24** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **86249F**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **78D75A**, and **006A00** is the 20% darker color. If you saturate the color by 10%, you get **309F14**, and if you desaturate by 10%, it is **4A9F34**.

# Distribution



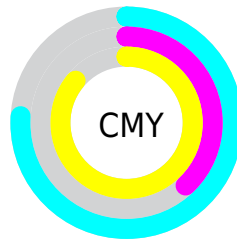
- Red (24%)
- Green (62%)
- Blue (14%)



- Red (14%)
- Yellow (62%)
- Blue (53%)



- Cyan (62%)
- Magenta (0%)
- Yellow (77%)
- Black (38%)



- Cyan (76%)
- Magenta (38%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D9F24 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 3D9F24 by changing the saturation by 10% instead.





3D9F24



3D9F24

FFFFFF



188400



78D75A



006A00



95F375



005100



B2FF90



003900



CFFFAB



002300



ECFFC8



000000



FFFFE4



3D9F24



3D9F24



309F14



4A9F34

■ 249F04

■ 569F44

■ 209F00

■ 639F54

■ 709F64

■ 7C9F73

■ 899F83

■ 969F93

■ A29FA3

■ AF9FB3

# Harmonies

## Analogous

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



8B9200



3D9F24



00A667

# Triad

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



3D9F24



009CFF



FB4570

# Complementary

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



3D9F24



86249F

# 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.



EB4CAF



3D9F24



2589FF

# Square

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



3D9F24



00A5E3



B36BE7



EA5F34

# Rectangle

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



3D9F24



00A893



B36BE7



FA4385



# Sweetspot

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



3D9F24



A9CF9F



9F8424



51694B



E8E8E8



696969



# Same Dimension

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



3D9F24



36CF0E



249F47



494F47



1D8F00



030F00



# Inverse Universe

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



86249F



A80ECF



9F247C



4D474F



72008F



0C000F



# Previews

## White Background



This preview shows how the Hex color 3D9F24 looks on a white background.

## Color Contrast Check

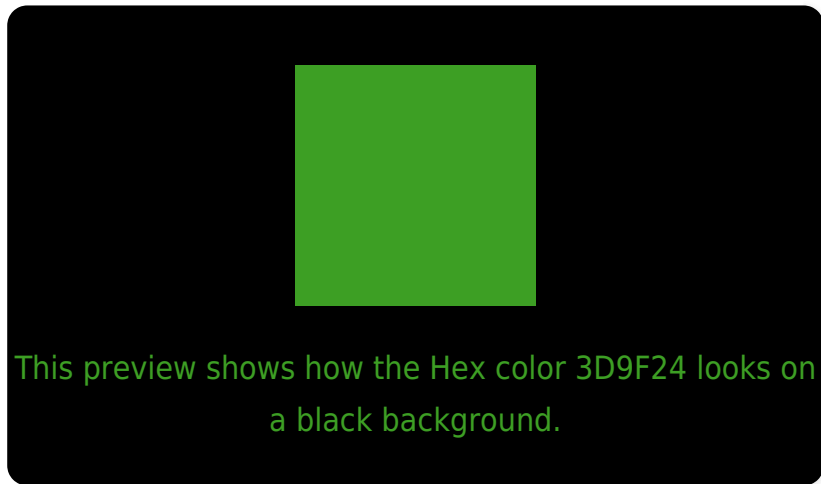
Large Text (above 18pt) WCAG AA ✓ Pass

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

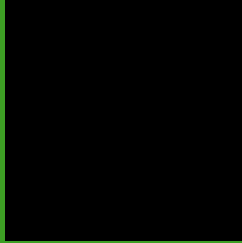
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3D9F24 Background



This preview shows how black text looks on a background with the Hex color 3D9F24.



This preview shows how white text looks on a background with the Hex color 3D9F24.

# 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**  
3D9F24

**Protanopia**  
9C8B1F

**Deuteranopia**  
AD8330



**Tritanopia**  
5794A0

# Trichromacy



**Original Color**

3D9F24



**Protanomaly**

799221



**Deuteranomaly**

848D2C



**Tritanomaly**

4E9873

# Monochromacy



**Original Color**

3D9F24



**Achromatopsia**

747474



**Achromatomaly**

608457

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D9F24 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 #3D9F24 looks like.

```
.text, #text, p{  
    color:#3D9F24  
}
```

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 #3D9F24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D9F24
}
```

## Border

The CSS property to change the border of an element to Hex 3D9F24 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
#3D9F24 }
```

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

```
.border{ border-color:#3D9F24 }
```

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

Here you see how a box with a 4 pixel #3D9F24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D9F24; -webkit-box-shadow:4px 4px  
4px 4px #3D9F24; box-shadow:4px 4px 4px  
4px #3D9F24 }
```

# Background

The CSS property to change the background color of an element to Hex 3D9F24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D9F24 }
```

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

```
.background{ background-color:#3D9F24 }
```

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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