

Converting Colors

Hex(3FF924)

Have a look what the booklet for
Hex(3FF924) contains.

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Color

Hex(3FF924)

Conversions

Conversions Part 1

Format	Color
Hex	3FF924
RGB	63, 249, 36
RGB Percent	25%, 98%, 14%
CMY	0.7529, 0.0235, 0.8588
CMYK	0.75, 0.00, 0.86, 0.02
HSL	112°, 95%, 56%
HSV	112°, 86%, 98%
XYZ	36.2440, 68.9355, 13.0647
YIQ	169.1040, -42.4830, -105.6750

Conversions

Conversions Part 2

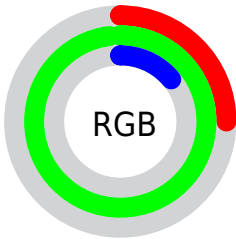
Format	Color
R_{YB}	36, 249, 222
Decimal	4192548
CIE _{Lab}	86.47, -79.11, 78.03
CIE _{LCh}	86, 111.119, 135.394
Yxy	68.9355, 0.3065, 0.5830
Android (android.graphics.Color)	4282382628 (0xFF3FF924)
YUV	169.1040, -65.6203, -93.0532
Hunter-Lab	83.0274, -67.3772, 48.7897

Details

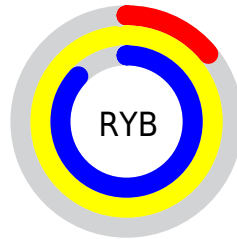
The Hex color **3FF924** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **DE24F9**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **8BFF68**, and **00BF00** is the 20% darker color. If you saturate the color by 10%, you get **29F90B**, and if you desaturate by 10%, it is **55F93D**.

Distribution



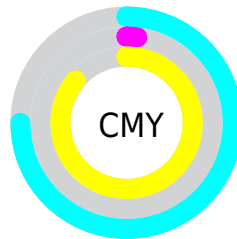
- Red (25%)
- Green (98%)
- Blue (14%)



- Red (14%)
- Yellow (98%)
- Blue (87%)



- Cyan (75%)
- Magenta (0%)
- Yellow (86%)
- Black (2%)



- Cyan (75%)
- Magenta (2%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3FF924 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 3FF924 by changing the saturation by 10% instead.

 3FF924

 3FF924

FFFFFF

 00DC00


 8BFF68

 00BF00

 ACFF85

 00A300

 CCFFA3

 008700

 ECFFC0

 006C00

 FFFFDE

 005200

 FFFFFC

 003900

 001F00

 000000

 3FF924

 3FF924

 29F90B

 55F93D

 20F900

 6AF956

 80F96F

 96F988

 ACF9A1

 C1F9B9

 D7F9D2

 EDF9EB

 FFF9FF

Harmonies

Analogous

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



D2E400



3FF924



00FF9F

Triad

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



3FF924



00F4FF



FF56A7

Complementary

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



3FF924



DE24F9

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.



FF62FF



3FF924



00D3FF

Square

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



3FF924



00FFFF



FF9FFF



FF8C41

Rectangle

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



3FF924



00FFE9



FF9FFF



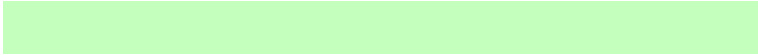
FF4FCA

Sweetspot

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



3FF924



C5FFBD



F9DD24



5D8058



000000



808080

Same Dimension

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



3FF924



20FF00



24F972



727D70



18BD00



083D00

Inverse Universe

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



DE24F9



DF00FF



F924AB



7B707D



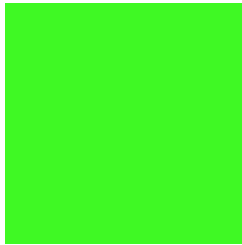
A500BD



35003D

Previews

White Background



This preview shows how the Hex color 3FF924 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



This preview shows how the Hex color 3FF924 looks on a 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 3FF924 Background



This preview shows how black text looks on a background with the Hex color 3FF924.

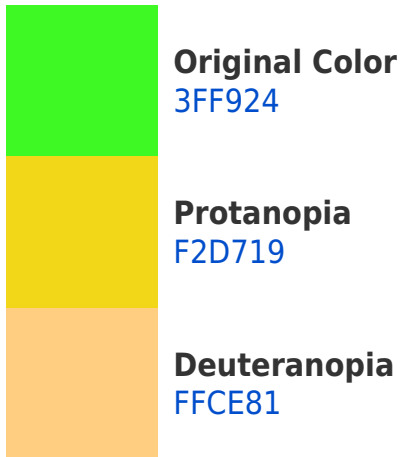


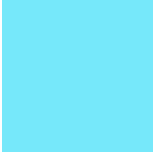
This preview shows how white text looks on a background with the Hex color 3FF924.

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](#).

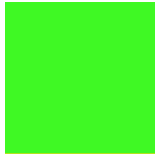
Dichromacy





Tritanopia
76E8FA

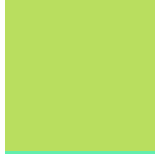
Trichromacy



Original Color
3FF924



Protanomaly
B1E31D

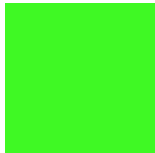


Deuteranomaly
B9DE5F

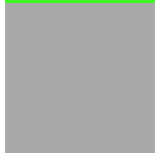


Tritanomaly
62EEAC

Monochromacy



Original Color
3FF924



Achromatopsia
A9A9A9



Achromatomaly
82C679

CSS Examples

Text

The CSS property to change the color of the text to Hex 3FF924 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 #3FF924 looks like.

```
.text, #text, p{  
    color:#3FF924  
}
```

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 #3FF924 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FF924
}
```

Border

The CSS property to change the border of an element to Hex 3FF924 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
#3FF924 }
```

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

```
.border{ border-color:#3FF924 }
```

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

Here you see how a box with a 4 pixel #3FF924 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FF924; -webkit-box-shadow:4px 4px  
4px 4px #3FF924; box-shadow:4px 4px 4px  
4px #3FF924 }
```

Background

The CSS property to change the background color of an element to Hex 3FF924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FF924 }
```

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

```
.background{ background-color:#3FF924 }
```

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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