

# Converting Colors

Hex(3FA12D)

Have a look what the booklet for  
Hex(3FA12D) contains.

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# Color

Hex(3FA12D)

# Conversions

## Conversions Part 1

Format	Color
Hex	3FA12D
RGB	63, 161, 45
RGB Percent	25%, 63%, 18%
CMY	0.7529, 0.3686, 0.8235
CMYK	0.61, 0.00, 0.72, 0.37
HSL	111°, 56%, 40%
HSV	111°, 72%, 63%
XYZ	15.2684, 26.7360, 6.8385
YIQ	118.4740, -21.1720, -56.8520

# Conversions

## Conversions Part 2

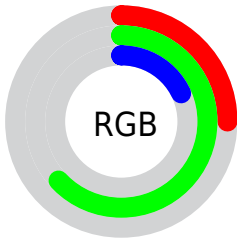
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">45, 161, 143</a>
Decimal	<a href="#">4170029</a>
CIELab	<a href="#">58.73, -50.30, 49.34</a>
CIELCh	<a href="#">59, 70.466, 135.552</a>
Yxy	<a href="#">26.7360, 0.3126, 0.5474</a>
Android (android.graphics.Color)	<a href="#">4282360109 (0xFF3FA12D)</a>
YUV	<a href="#">118.4740, -36.2227, -48.6507</a>
Hunter-Lab	<a href="#">51.7068, -37.7780, 28.3534</a>

# Details

The Hex color **3FA12D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8F2DA1**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **7AD962**, and **006C00** is the 20% darker color. If you saturate the color by 10%, you get **31A11D**, and if you desaturate by 10%, it is **4DA13D**.

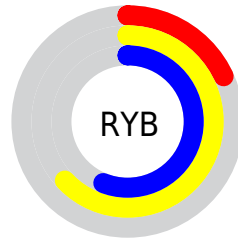
# Distribution



Red (25%)

Green (63%)

Blue (18%)



Red (18%)

Yellow (63%)

Blue (56%)

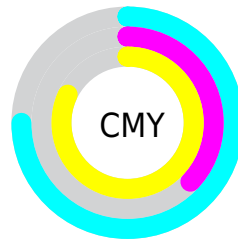


Cyan (61%)

Magenta (0%)

Yellow (72%)

Black (37%)



Cyan (75%)

Magenta (37%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3FA12D 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 3FA12D by changing the saturation by 10% instead.



 3FA12D

 3FA12D


FFFFFF

 1C860E

 7AD962

 006C00

 96F67C

 005300

 B3FF97

 003B00

 D0FFB3

 002500

 EEFFCF

 000000

 FFFFEC

 3FA12D

 3FA12D

 31A11D

 4DA13D

 24A10D

 5AA14D

 19A100

 68A15D

 75A16D

 83A17E

 91A18E

 9EA19E

 ACA1AE

 B9A1BE

# Harmonies

## Analogous

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



8C9400



3FA12D



00A76C

# Triad

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



3FA12D



009DFF



FB4C70

# Complementary

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



3FA12D



8F2DA1

# 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.



EC50AE



3FA12D



3F8AFF

# Square

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



3FA12D



00A7E5



B86DE5



EA6436

# Rectangle

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



3FA12D



00A997



B86DE5



FA4984



# Sweetspot

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



3FA12D



AAD1A3



A18E2D



52694D



E8E8E8



696969



# Same Dimension

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



3FA12D



39D11D



2DA154



4B5249



179100



031200



# Inverse Universe

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



8F2DA1



B51DD1



A12D7A



504952



7B0091



0F0012



# Previews

## White Background



This preview shows how the Hex color 3FA12D looks on a white background.

## Color Contrast Check

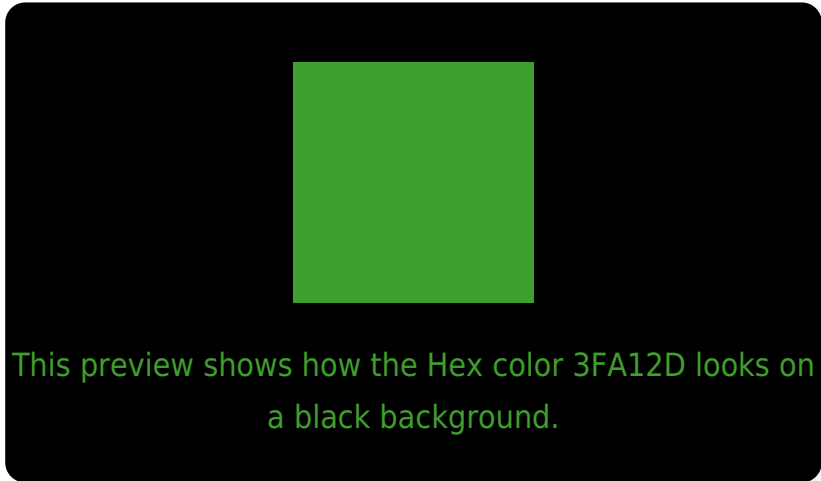
Large Text (above 18pt) WCAG AA ✓ Pass

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 3FA12D Background



This preview shows how black text looks on a background with the Hex color 3FA12D.



This preview shows how white text looks on a background with the Hex color 3FA12D.

# 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**  
3FA12D

**Protanopia**  
9D8D28

**Deuteranopia**  
AF8537



**Tritanopia**  
5896A2

# Trichromacy



**Original Color**  
3FA12D



**Protanomaly**  
7B942A



**Deuteranomaly**  
868F33



**Tritanomaly**  
4F9A77

# Monochromacy



**Original Color**  
3FA12D



**Achromatopsia**  
767676



**Achromatomaly**  
62865B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3FA12D 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 #3FA12D looks like.

```
.text, #text, p{  
    color:#3FA12D  
}
```

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 #3FA12D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FA12D
}
```

## Border

The CSS property to change the border of an element to Hex 3FA12D 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
#3FA12D }
```

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

```
.border{ border-color:#3FA12D }
```

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

Here you see how a box with a 4 pixel #3FA12D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FA12D; -webkit-box-shadow:4px 4px  
4px 4px #3FA12D; box-shadow:4px 4px 4px  
4px #3FA12D }
```

# Background

The CSS property to change the background color of an element to Hex 3FA12D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FA12D }
```

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

```
.background{ background-color:#3FA12D }
```

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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