

Converting Colors

Hex(3AF359)

Have a look what the booklet for
Hex(3AF359) contains.

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Color

Hex(3AF359)

Conversions

Conversions Part 1

Format	Color
Hex	3AF359
RGB	58, 243, 89
RGB Percent	23%, 95%, 35%
CMY	0.7725, 0.0471, 0.6510
CMYK	0.76, 0.00, 0.63, 0.05
HSL	130°, 89%, 59%
HSV	130°, 76%, 95%
XYZ	35.5987, 65.7220, 20.2606
YIQ	170.1290, -60.8260, -87.1140

Conversions

Conversions Part 2

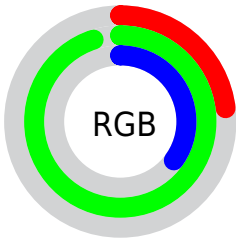
Format	Color
RYB	58, 216, 243
Decimal	3863385
CIELab	84.85, -74.30, 59.71
CIELCh	85, 95.319, 141.217
Yxy	65.7220, 0.2928, 0.5406
Android (android.graphics.Color)	4282053465 (0xFF3AF359)
YUV	170.1290, -39.9966, -98.3371
Hunter-Lab	81.0691, -63.4888, 41.9308

Details

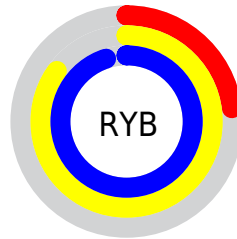
The Hex color **3AF359** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **F33AD4**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **85FF90**, and **00B91D** is the 20% darker color. If you saturate the color by 10%, you get **22F345**, and if you desaturate by 10%, it is **52F36D**.

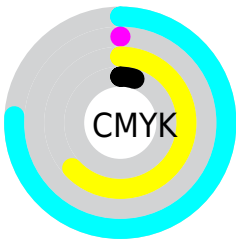
Distribution



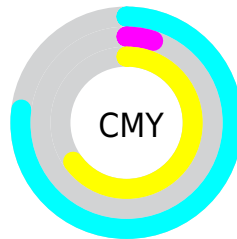
- Red (23%)
- Green (95%)
- Blue (35%)



- Red (23%)
- Yellow (85%)
- Blue (95%)



- Cyan (76%)
- Magenta (0%)
- Yellow (63%)
- Black (5%)



- Cyan (77%)
- Magenta (5%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3AF359 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 3AF359 by changing the saturation by 10% instead.

 3AF359

 3AF359

FFFFFF

 00D63D

 85FF90

 00B91D

 A5FFAC

 009D00

 C5FFC9

 008200

 E5FFE6

 006700

 004D00

 003500

 001A00

 000000

 3AF359

 3AF359


 22F345

 52F36D

 09F331

 6BF381

 00F329

 83F396

 9BF3AA

 B3F3BE

 CCF3D2

 E4F3E7

 FCF3FB

 FFF3FF

Harmonies

Analogous

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



C0E200



3AF359



00FBB5

Triad

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



3AF359



00E6FF



FF7999

Complementary

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



3AF359



F33AD4

Split Complementary

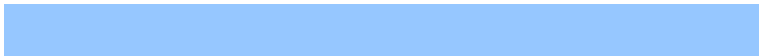
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF76F2



3AF359



96C7FF

Square

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



3AF359



00F7FF



FF9CFF



FF9F45

Rectangle

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



3AF359



00DFD4



FF9CFF



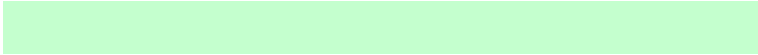
FF72B6

Sweetspot

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



3AF359



C4FFCE



D4F33A



5C8062



000000



808080

Same Dimension

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



3AF359



17FF3E



3AF3B5



6E7A70



00BA1F



003B0A

Inverse Universe

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



F33AD4



FF17D8



F33A78



7A6E78



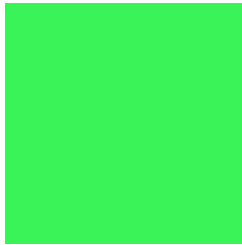
BA009B



3B0031

Previews

White Background



This preview shows how the Hex color 3AF359 looks on a white background.

Color Contrast Check

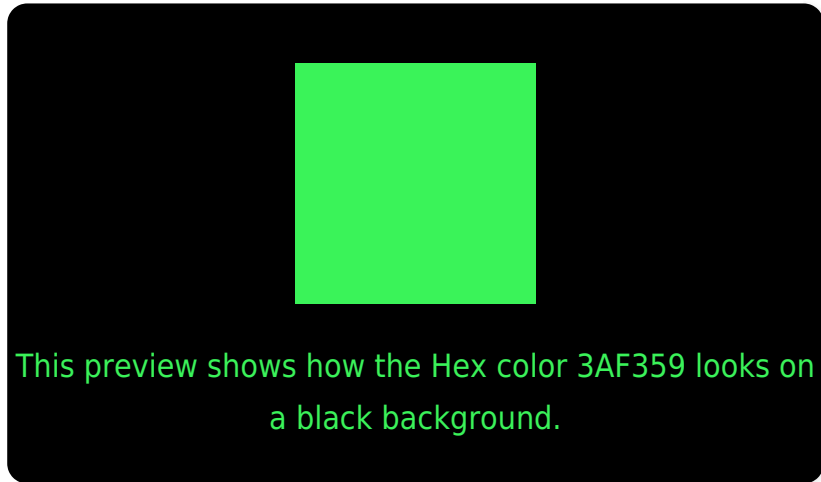
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 3AF359 Background



This preview shows how black text looks on a background with the Hex color 3AF359.

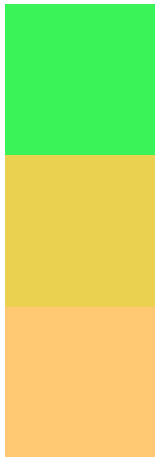


This preview shows how white text looks on a background with the Hex color 3AF359.

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](#).

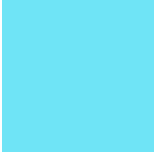
Dichromacy



Original Color
3AF359

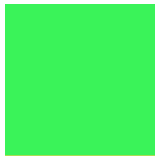
Protanopia
EAD250

Deuteranopia
FFC974



Tritanopia
6FE4F6

Trichromacy



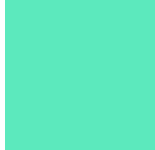
Original Color
3AF359



Protanomaly
AADE53



Deuteranomaly
B7D86A

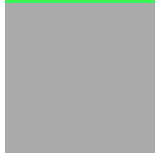


Tritanomaly
5CE9BD

Monochromacy



Original Color
3AF359



Achromatopsia
AAAAAA



Achromatomaly
81C58D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3AF359 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 #3AF359 looks like.

```
.text, #text, p{  
    color:#3AF359  
}
```

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 #3AF359 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3AF359
}
```

Border

The CSS property to change the border of an element to Hex 3AF359 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
#3AF359 }
```

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

```
.border{ border-color:#3AF359 }
```

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

Here you see how a box with a 4 pixel #3AF359 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3AF359; -webkit-box-shadow:4px 4px  
4px 4px #3AF359; box-shadow:4px 4px 4px  
4px #3AF359 }
```

Background

The CSS property to change the background color of an element to Hex 3AF359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3AF359 }
```

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

```
.background{ background-color:#3AF359 }
```

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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