

Converting Colors

Hex(3B962F)

Have a look what the booklet for
Hex(3B962F) contains.

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Color

Hex(3B962F)

Conversions

Conversions Part 1

Format	Color
Hex	3B962F
RGB	59, 150, 47
RGB Percent	23%, 59%, 18%
CMY	0.7686, 0.4118, 0.8157
CMYK	0.61, 0.00, 0.69, 0.41
HSL	113°, 52%, 39%
HSV	113°, 69%, 59%
XYZ	13.2231, 22.9477, 6.4218
YIQ	111.0490, -21.1730, -51.3250

Conversions

Conversions Part 2

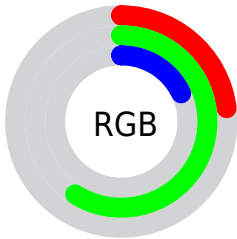
Format	Color
RYB	47, 150, 138
Decimal	3905071
CIELab	55.02, -47.03, 44.60
CIELCh	55, 64.814, 136.524
Yxy	22.9477, 0.3105, 0.5388
Android (android.graphics.Color)	4282095151 (0xFF3B962F)
YUV	111.0490, -31.5762, -45.6470
Hunter-Lab	47.9038, -34.5596, 25.5845

Details

The Hex color **3B962F** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8A2F96**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **74CD62**, and **006200** is the 20% darker color. If you saturate the color by 10%, you get **2E9620**, and if you desaturate by 10%, it is **48963E**.

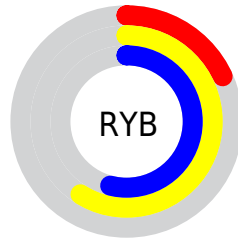
Distribution



Red (23%)

Green (59%)

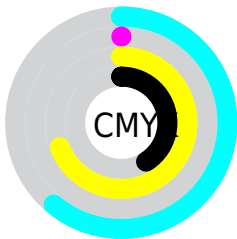
Blue (18%)



Red (18%)

Yellow (59%)

Blue (54%)

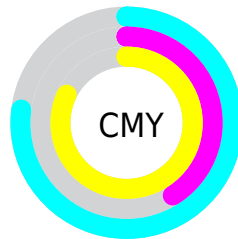


Cyan (61%)

Magenta (0%)

Yellow (69%)

Black (41%)



Cyan (77%)

Magenta (41%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B962F 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 3B962F by changing the saturation by 10% instead.

 3B962F

 3B962F

FFFFFF

 187C13

 74CD62

 006200

 90EA7C

 004900

 ADF97

 003200

 CAFFB3

 001A00

 E7FFCF

 000000

 FFFFEB

 3B962F

 3B962F

 2E9620

 48963E

■ 209611

■ 56964D

■ 139602

■ 63965C

■ 119600

■ 70966B

■ 7D967A

■ 8B9689

■ 989698

■ A596A7

■ B296B6

Harmonies

Analogous

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



818B00



3B962F



009C68

Triad

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



3B962F



0091F1



E74A67

Complementary

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



3B962F



8A2F96

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.



DB4D9F



3B962F



4780F0

Square

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



3B962F



009BD4



AD66D2



D75F33

Rectangle

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



3B962F



009D8F



AD66D2



E7487A

Sweetspot

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



3B962F



9EC299



968A2F



4B6149



E0E0E0



616161

Same Dimension

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



3B962F



35C223



2F9656



434A43



108A00



010A00

Inverse Universe

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



8A2F96



AF23C2



962F6F



49434A



7A008A



09000A

Previews

White Background



This preview shows how the Hex color 3B962F looks on a white background.

Color Contrast Check

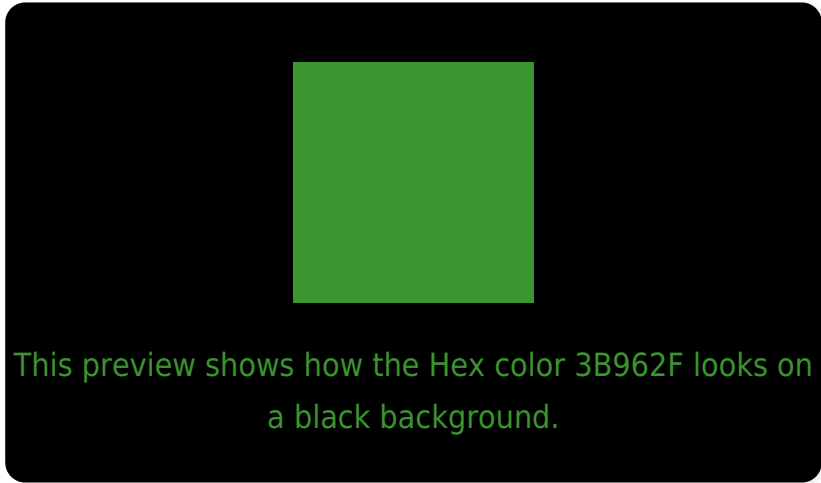
Large Text (above 18pt) WCAG AA ✓ Pass

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 3B962F Background



This preview shows how black text looks on a background with the Hex color 3B962F.



This preview shows how white text looks on a background with the Hex color 3B962F.

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
3B962F

Protanopia
93832A

Deuteranopia
A27C38



Tritanopia
528C97

Trichromacy



Original Color
3B962F



Protanomaly
738A2C



Deuteranomaly
7D8535



Tritanomaly
4A9071

Monochromacy



Original Color
3B962F



Achromatopsia
6F6F6F



Achromatomaly
5C7D58

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B962F 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 #3B962F looks like.

```
.text, #text, p{  
    color:#3B962F  
}
```

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 #3B962F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B962F
}
```

Border

The CSS property to change the border of an element to Hex 3B962F 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
#3B962F }
```

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

```
.border{ border-color:#3B962F }
```

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

Here you see how a box with a 4 pixel #3B962F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B962F; -webkit-box-shadow:4px 4px  
4px 4px #3B962F; box-shadow:4px 4px 4px  
4px #3B962F }
```

Background

The CSS property to change the background color of an element to Hex 3B962F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B962F }
```

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

```
.background{ background-color:#3B962F }
```

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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