

# Converting Colors

Hex(32992F)

Have a look what the booklet for  
Hex(32992F) contains.

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# Color

Hex(32992F)

# Conversions

## Conversions Part 1

Format	Color
Hex	32992F
RGB	50, 153, 47
RGB Percent	20%, 60%, 18%
CMY	0.8039, 0.4000, 0.8157
CMYK	0.67, 0.00, 0.69, 0.40
HSL	118°, 53%, 39%
HSV	118°, 69%, 60%
XYZ	13.2197, 23.6658, 6.5605
YIQ	110.1190, -27.3620, -54.8020

# Conversions

## Conversions Part 2

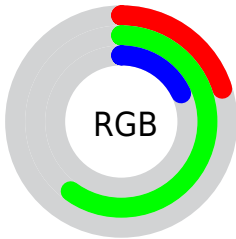
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 153, 150
Decimal	3316015
CIELab	55.75, -50.22, 45.30
CIELCh	56, 67.631, 137.945
Yxy	23.6658, 0.3043, 0.5447
Android (android.graphics.Color)	4281506095 (0xFF32992F)
YUV	110.1190, -31.1177, -52.7244
Hunter-Lab	48.6475, -36.6267, 26.0575

# Details

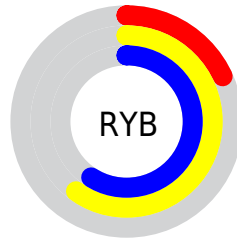
The Hex color **32992F** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **962F99**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **6ED063**, and **006500** is the 20% darker color. If you saturate the color by 10%, you get **239920**, and if you desaturate by 10%, it is **41993E**.

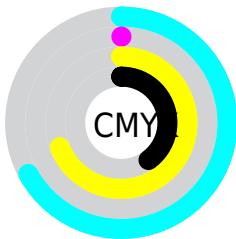
# Distribution



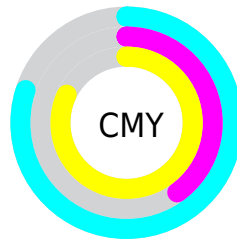
- Red (20%)
- Green (60%)
- Blue (18%)



- Red (18%)
- Yellow (60%)
- Blue (59%)



- Cyan (67%)
- Magenta (0%)
- Yellow (69%)
- Black (40%)



- Cyan (80%)
- Magenta (40%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 32992F 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 32992F by changing the saturation by 10% instead.



 32992F

 32992F

FFFFFF

 027E13

 6ED063

 006500

 8BED7D

 004C00

 A7FF98

 003400

 C4FFB3

 001C00

 E2FFCF

 000000

 FFFFEC

 32992F

 32992F

 239920

 41993E

■ 149910

■ 50994E

■ 059901

■ 5F995D

■ 049900

■ 6D996C

■ 7C997C

■ 8B998B

■ 9A999A

■ A999A9

■ B899B9

# Harmonies

## Analogous

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



7F8D00



32992F



009F6B

# Triad

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



32992F



0093F9



ED4965

# Complementary

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



32992F



962F99

# 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.



E24AA0



32992F



4C80F6

# Square

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



32992F



009DDC



B365D5



DB602E

# Rectangle

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



32992F



00A094



B365D5



ED4578



# Sweetspot

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



32992F



9EC79D



99952F



4B634B



E3E3E3



636363



# Same Dimension

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



32992F



26C722



2F9960



454D45



048C00



000D00



# Inverse Universe

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



962F99



C222C7



992F68



4C454D



88008C



0C000D



# Previews

## White Background



This preview shows how the Hex color 32992F looks on a white background.

## Color Contrast Check

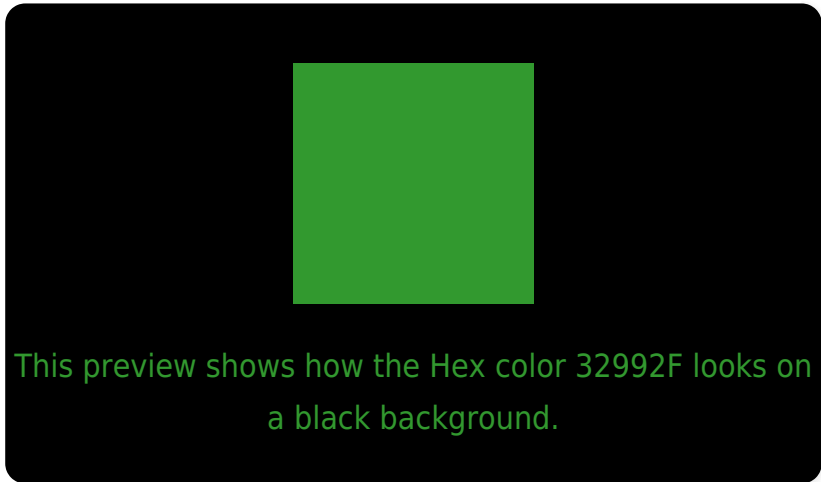
Large Text (above 18pt) WCAG AA ✓ Pass

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 32992F Background



This preview shows how black text looks on a background with the Hex color 32992F.



This preview shows how white text looks on a background with the Hex color 32992F.

# 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**  
32992F

**Protanopia**  
95852A

**Deuteranopia**  
A57E38



**Tritanopia**  
4E8F9A

# Trichromacy



**Original Color**  
32992F



**Protanomaly**  
718C2C



**Deuteranomaly**  
7B8835



**Tritanomaly**  
449373

# Monochromacy



**Original Color**  
32992F



**Achromatopsia**  
6E6E6E



**Achromatomaly**  
587E57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 32992F 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 #32992F looks like.

```
.text, #text, p{  
    color:#32992F  
}
```

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 #32992F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #32992F
}
```

## Border

The CSS property to change the border of an element to Hex 32992F 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
#32992F }
```

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

```
.border{ border-color:#32992F }
```

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

Here you see how a box with a 4 pixel #32992F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #32992F; -webkit-box-shadow:4px 4px  
4px 4px #32992F; box-shadow:4px 4px 4px  
4px #32992F }
```

# Background

The CSS property to change the background color of an element to Hex 32992F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#32992F }
```

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

```
.background{ background-color:#32992F }
```

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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