

Converting Colors

Hex(338F2B)

Have a look what the booklet for
Hex(338F2B) contains.

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Color

Hex(338F2B)

Conversions

Conversions Part 1

Format	Color
Hex	338F2B
RGB	51, 143, 43
RGB Percent	20%, 56%, 17%
CMY	0.8000, 0.4392, 0.8314
CMYK	0.64, 0.00, 0.70, 0.44
HSL	115°, 54%, 36%
HSV	115°, 70%, 56%
XYZ	11.6237, 20.5231, 5.6342
YIQ	104.0920, -22.7320, -50.6040

Conversions

Conversions Part 2

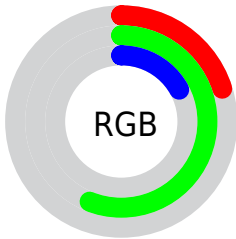
Format	Color
RYB	43, 143, 135
Decimal	3378987
CIELab	52.42, -46.75, 43.44
CIElCh	52, 63.816, 137.097
Yxy	20.5231, 0.3077, 0.5432
Android (android.graphics.Color)	4281569067 (0xFF338F2B)
YUV	104.0920, -30.1184, -46.5617
Hunter-Lab	45.3025, -33.4797, 24.3379

Details

The Hex color **338F2B** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **872B8F**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **6DC65E**, and **005B00** is the 20% darker color. If you saturate the color by 10%, you get **268F1D**, and if you desaturate by 10%, it is **408F39**.

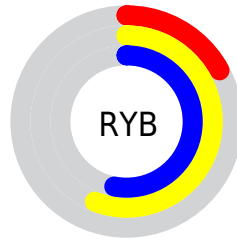
Distribution



Red (20%)

Green (56%)

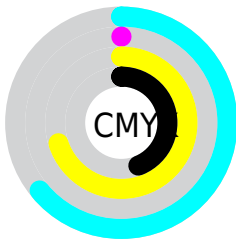
Blue (17%)



Red (17%)

Yellow (56%)

Blue (53%)

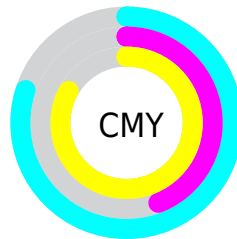


Cyan (64%)

Magenta (0%)

Yellow (70%)

Black (44%)



Cyan (80%)

Magenta (44%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 338F2B 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 338F2B by changing the saturation by 10% instead.

 338F2B

 338F2B

FFFFFF

 0B750F

 6DC65E

 005B00

 89E278

 004300

 A5FF93

 002D00

 C2FFAE

 001000

 DFFFC A

 000000

 FDFFE6

 338F2B

 338F2B

 268F1D

 408F39

■ 198F0E

■ 4D8F48

■ 0C8F00

■ 5A8F56

■ 0B8F00

■ 688F64

■ 758F72

■ 828F81

■ 8F8F8F

■ 9C8F9D

■ A98FAC

Harmonies

Analogous

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



798400



338F2B



009563

Triad

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



338F2B



008AE8



DE4460

Complementary

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



338F2B



872B8F

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.



D34797



338F2B



4379E7

Square

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



338F2B



0093CD



A65FC8



CE5A2D

Rectangle

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



338F2B



009689



A65FC8



DE4272

Sweetspot

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



338F2B



96BA93



8F872B



495E47



DEDEDE



5E5E5E

Same Dimension

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



338F2B



2ABA1E



2B8F55



414740



0B8700



010800

Inverse Universe

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



872B8F



AE1EBA



8F2B65



474047



7C0087



070008

Previews

White Background



This preview shows how the Hex color 338F2B looks on a white background.

Color Contrast Check

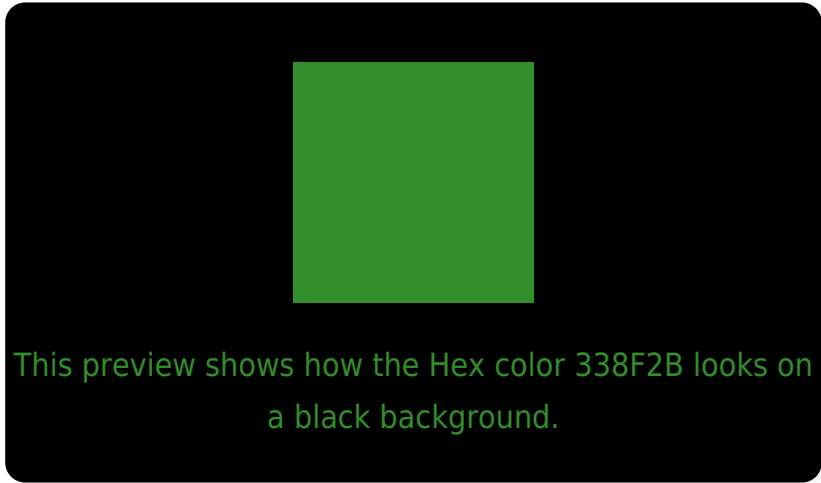
Large Text (above 18pt) WCAG AA ✓ Pass

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

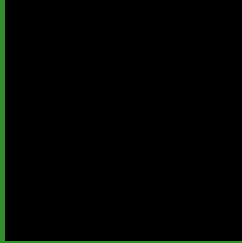
Any Text WCAG AA ✓ Pass

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 338F2B Background



This preview shows how black text looks on a background with the Hex color 338F2B.



This preview shows how white text looks on a background with the Hex color 338F2B.

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
338F2B

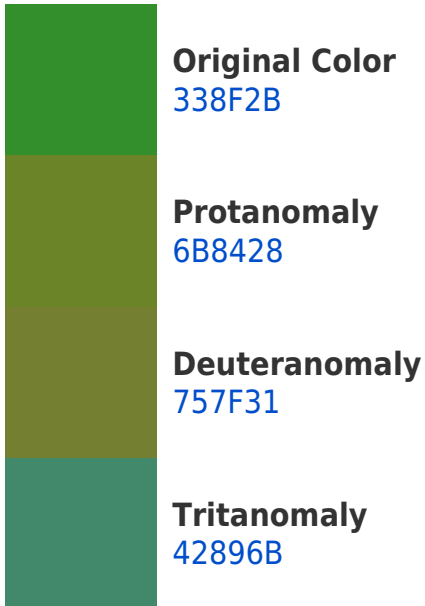
Protanopia
8B7D26

Deuteranopia
9A7634

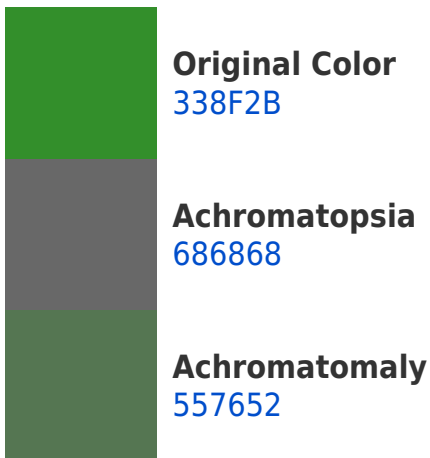


Tritanopia
4B8690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 338F2B 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 #338F2B looks like.

```
.text, #text, p{  
    color:#338F2B  
}
```

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 #338F2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #338F2B
}
```

Border

The CSS property to change the border of an element to Hex 338F2B 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
#338F2B }
```

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

```
.border{ border-color:#338F2B }
```

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

Here you see how a box with a 4 pixel #338F2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #338F2B; -webkit-box-shadow:4px 4px  
4px 4px #338F2B; box-shadow:4px 4px 4px  
4px #338F2B }
```

Background

The CSS property to change the background color of an element to Hex 338F2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#338F2B }
```

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

```
.background{ background-color:#338F2B }
```

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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