

Converting Colors

Hex(268C3A)

Have a look what the booklet for
Hex(268C3A) contains.

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Color

Hex(268C3A)

Conversions

Conversions Part 1

Format	Color
Hex	268C3A
RGB	38, 140, 58
RGB Percent	15%, 55%, 23%
CMY	0.8510, 0.4510, 0.7725
CMYK	0.73, 0.00, 0.59, 0.45
HSL	132°, 57%, 35%
HSV	132°, 73%, 55%
XYZ	10.9411, 19.4737, 7.1851
YIQ	100.1540, -34.4700, -47.1260

Conversions

Conversions Part 2

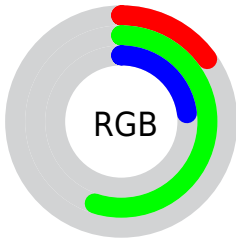
Format	Color
R_{YB}	38, 123, 140
Decimal	2526266
CIE _{Lab}	51.24, -46.59, 35.11
CIE _{LCh}	51, 58.333, 143.001
Yxy	19.4737, 0.2910, 0.5179
Android (android.graphics.Color)	4280716346 (0xFF268C3A)
YUV	100.1540, -20.7819, -54.5091
Hunter-Lab	44.1290, -32.9694, 21.2367

Details

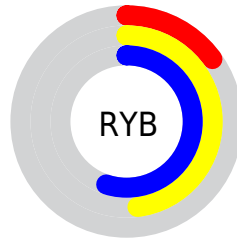
The Hex color **268C3A** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8C2678**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **62C36C**, and **005807** is the 20% darker color. If you saturate the color by 10%, you get **188C2F**, and if you desaturate by 10%, it is **348C45**.

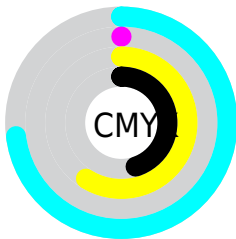
Distribution



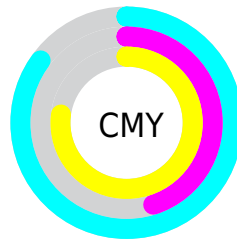
- Red (15%)
- Green (55%)
- Blue (23%)



- Red (15%)
- Yellow (48%)
- Blue (55%)



- Cyan (73%)
- Magenta (0%)
- Yellow (59%)
- Black (45%)



- Cyan (85%)
- Magenta (45%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 268C3A 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 268C3A by changing the saturation by 10% instead.

 268C3A

 268C3A

FFFFFF

 007222

 62C36C

 005807

 7FDF86

 004000

 9BFCA0

 002B00

 B7FFBC

 000800

 D4FFD8

 000000

 F2FFF4

 268C3A

 268C3A

 188C2F

 348C45

■ 0A8C23

■ 428C51

■ 008C1B

■ 508C5C

■ 5E8C67

■ 6C8C72

■ 7A8C7E

■ 888C89

■ 968C94

■ A48C9F

Harmonies

Analogous

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



6D830A



268C3A



00906C

Triad

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



268C3A



0083DD



D24B56

Complementary

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



268C3A



8C2678

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.



CD4988



268C3A



6272D6

Square

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



268C3A



008DC9



AB5BB7



BF5F2A

Rectangle

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



268C3A



00918F



AB5BB7



D34866

Sweetspot

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



268C3A



8DB595



798C26



445C49



DBDBDB



5C5C5C

Same Dimension

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



268C3A



18B536



268C6C



3E453F



00851A



000501

Inverse Universe

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



8C2678



B51896



8C2646



453E44



85006B



050004

Previews

White Background



This preview shows how the Hex color 268C3A looks on a white background.

Color Contrast Check

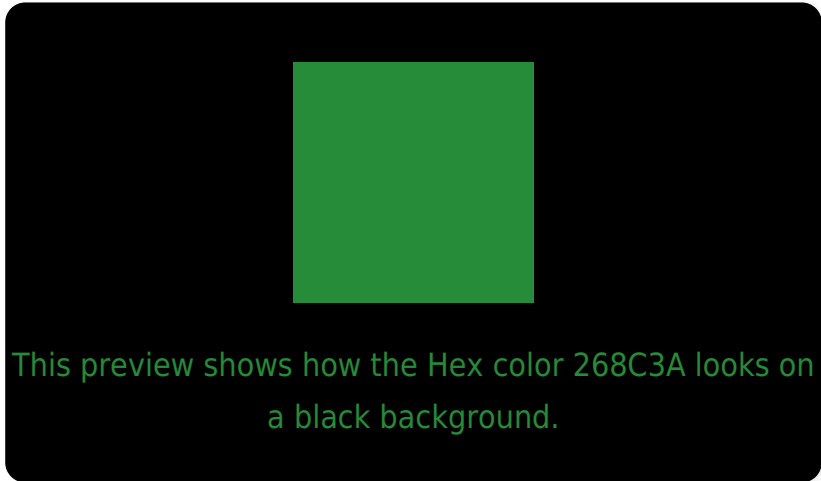
Large Text (above 18pt) WCAG AA ✓ Pass

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 268C3A Background



This preview shows how black text looks on a background with the Hex color 268C3A.



This preview shows how white text looks on a background with the Hex color 268C3A.

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
268C3A

Protanopia
877934

Deuteranopia
957441



Tritanopia
41838E

Trichromacy



Original Color
268C3A



Protanomaly
648036



Deuteranomaly
6D7D3E



Tritanomaly
37866F

Monochromacy



Original Color
268C3A



Achromatopsia
646464



Achromatomaly
4D7355

CSS Examples

Text

The CSS property to change the color of the text to Hex 268C3A 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 #268C3A looks like.

```
.text, #text, p{  
    color:#268C3A  
}
```

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 #268C3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #268C3A
}
```

Border

The CSS property to change the border of an element to Hex 268C3A 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
#268C3A }
```

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

```
.border{ border-color:#268C3A }
```

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

Here you see how a box with a 4 pixel #268C3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #268C3A; -webkit-box-shadow:4px 4px  
4px 4px #268C3A; box-shadow:4px 4px 4px  
4px #268C3A }
```

Background

The CSS property to change the background color of an element to Hex 268C3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#268C3A }
```

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

```
.background{ background-color:#268C3A }
```

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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