

Converting Colors

Hex(268649)

Have a look what the booklet for
Hex(268649) contains.

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Color

Hex(268649)

Conversions

Conversions Part 1

Format	Color
Hex	268649
RGB	38, 134, 73
RGB Percent	15%, 53%, 29%
CMY	0.8510, 0.4745, 0.7137
CMYK	0.72, 0.00, 0.46, 0.47
HSL	142°, 56%, 34%
HSV	142°, 72%, 53%
XYZ	10.5270, 17.9433, 9.2119
YIQ	98.3420, -37.6350, -39.3230

Conversions

Conversions Part 2

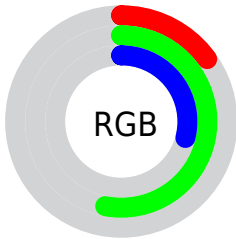
Format	Color
R_{YB}	38, 108, 134
Decimal	2524745
CIE _{Lab}	49.43, -41.90, 25.01
CIE _{LCh}	49, 48.791, 149.169
Yxy	17.9433, 0.2794, 0.4762
Android (android.graphics.Color)	4280714825 (0xFF268649)
YUV	98.3420, -12.4936, -52.9199
Hunter-Lab	42.3595, -29.7691, 16.7579

Details

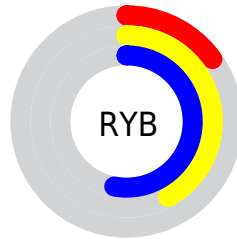
The Hex color **268649** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **862663**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **60BC7A**, and **00531B** is the 20% darker color. If you saturate the color by 10%, you get **198640**, and if you desaturate by 10%, it is **338652**.

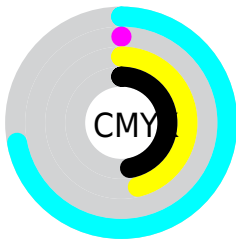
Distribution



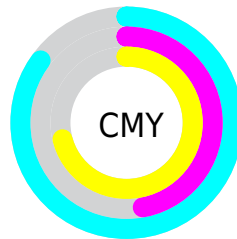
- Red (15%)
- Green (53%)
- Blue (29%)



- Red (15%)
- Yellow (42%)
- Blue (53%)



- Cyan (72%)
- Magenta (0%)
- Yellow (46%)
- Black (47%)



- Cyan (85%)
- Magenta (47%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 268649 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 268649 by changing the saturation by 10% instead.

 268649

 268649

FFFFFF

 006C32


 60BC7A

 00531B

 7CD895

 003B03

 98F5AF

 002600

 B4FFCB

 000000

 D1FFE7

 EEEFFF

 268649

 268649

 198640

 338652

■ 0B8638

■ 41865A

■ 008631

■ 4E8663

■ 5C866B

■ 698674

■ 76867C

■ 848685

■ 91868D

■ 9F8696

Harmonies

Analogous

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



637F27



268649



008973

Triad

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



268649



007BC8



BF5450

Complementary

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



268649



862663

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.



BE4F78



268649



746BBE

Square

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



268649



0084BC



A759A1



AC632E

Rectangle

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



268649



00898F



A759A1



C1515D

Sweetspot

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



268649



89AD96



648626



415749



D6D6D6



575757

Same Dimension

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



268649



18AD4F



268678



3C423E



00822F



000301

Inverse Universe

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



862663



AD1877



862634



423C40



820053



030002

Previews

White Background



This preview shows how the Hex color 268649 looks on a white background.

Color Contrast Check

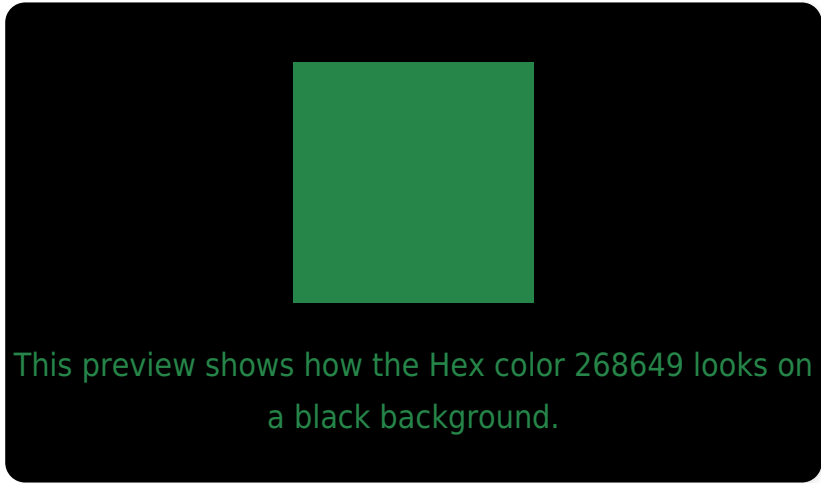
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

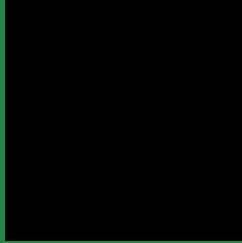
Any Text WCAG AA ✓ Pass

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 268649 Background



This preview shows how black text looks on a background with the Hex color 268649.



This preview shows how white text looks on a background with the Hex color 268649.

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
268649

Protanopia
807543

Deuteranopia
8C704E



Tritanopia
3D7F89

Trichromacy



Original Color

268649



Protanomaly

5F7B45



Deuteranomaly

67784C



Tritanomaly

358272

Monochromacy



Original Color

268649



Achromatopsia

626262



Achromatomaly

4C6F59

CSS Examples

Text

The CSS property to change the color of the text to Hex 268649 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 #268649 looks like.

```
.text, #text, p{  
    color:#268649  
}
```

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 #268649 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #268649
}
```

Border

The CSS property to change the border of an element to Hex 268649 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
#268649 }
```

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

```
.border{ border-color:#268649 }
```

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

Here you see how a box with a 4 pixel #268649 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #268649; -webkit-box-shadow:4px 4px  
4px 4px #268649; box-shadow:4px 4px 4px  
4px #268649 }
```

Background

The CSS property to change the background color of an element to Hex 268649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#268649 }
```

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

```
.background{ background-color:#268649 }
```

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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