

Converting Colors

Hex(268800)

Have a look what the booklet for
Hex(268800) contains.

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Color

Hex(268800)

Conversions

Conversions Part 1

Format	Color
Hex	268800
RGB	38, 136, 0
RGB Percent	15%, 53%, 0%
CMY	0.8510, 0.4667, 1.0000
CMYK	0.72, 0.00, 1.00, 0.47
HSL	103°, 100%, 27%
HSV	103°, 100%, 53%
XYZ	9.6035, 18.0204, 2.9721
YIQ	91.1940, -14.7520, -63.0720

Conversions

Conversions Part 2

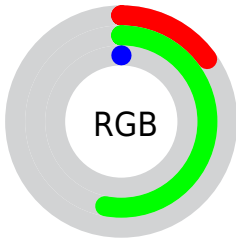
Format	Color
RYB	0, 136, 98
Decimal	2525184
CIELab	49.52, -49.54, 52.75
CIELCh	50, 72.362, 133.202
Yxy	18.0204, 0.3139, 0.5890
Android (android.graphics.Color)	4280715264 (0xFF268800)
YUV	91.1940, -44.9586, -46.6511
Hunter-Lab	42.4504, -33.9065, 25.5642

Details

The Hex color **268800** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **620088**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **64BE42**, and **005500** is the 20% darker color. If you saturate the color by 10%, you get **268800**, and if you desaturate by 10%, it is **30880E**.

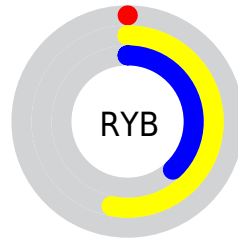
Distribution



Red (15%)

Green (53%)

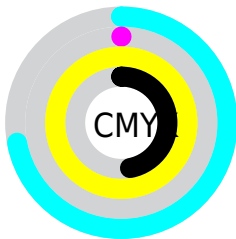
Blue (0%)



Red (0%)

Yellow (53%)

Blue (38%)

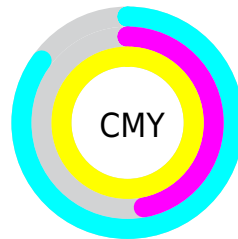


Cyan (72%)

Magenta (0%)

Yellow (100%)

Black (47%)



Cyan (85%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 268800 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 268800 by changing the saturation by 10% instead.

 268800

 268800

FFFFFF

 006E00

 64BE42

 005500

 80DB5C

 003C00

 9DF777

 002700

 BAFF92

 000000

 D7FFAE

 F5FFCA

 FFFFE7

 268800

 30880E

 3A881B

 438829

 4D8836

 578844

 618852

 6B885F

 74886D

 7E887A

Harmonies

Analogous

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



767C00



268800



008E50

Triad

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



268800



0087EC



E0265E

Complementary

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



268800



620088

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.



D0319B



268800



0074EF

Square

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



268800



008FC9



9857D0



D04622

Rectangle

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



268800



00907B



9857D0



DF2372

Sweetspot

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



268800



8AB07B



886100



425939



D9D9D9



595959

Same Dimension

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



268800



31B000



00881D



40453E



258500



010500

Inverse Universe

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



620088



7F00B0



88006B



433E45



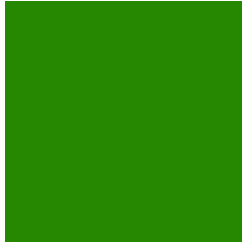
600085



040005

Previews

White Background



This preview shows how the Hex color 268800 looks on a white background.

Color Contrast Check

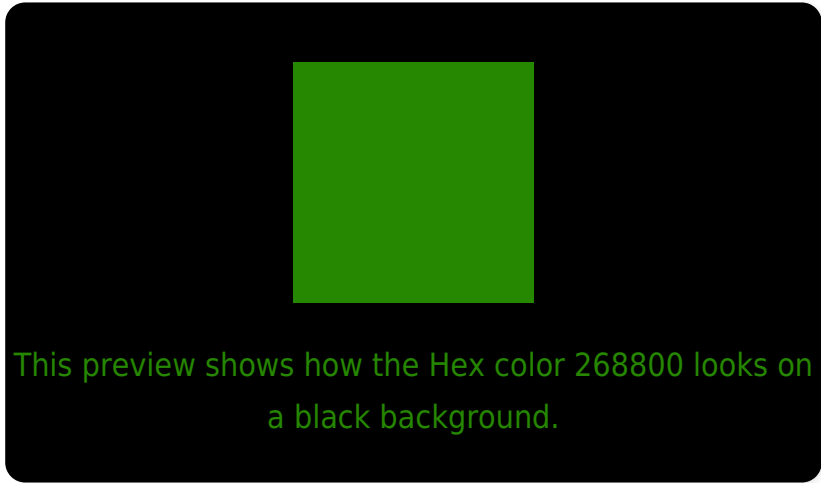
Large Text (above 18pt) WCAG AA ✓ Pass

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

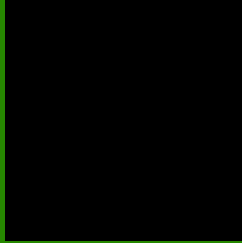
Any Text WCAG AA ✓ Pass

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 268800 Background



This preview shows how black text looks on a background with the Hex color 268800.



This preview shows how white text looks on a background with the Hex color 268800.

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
268800

Protanopia
847500

Deuteranopia
936F1D



Tritanopia
437E89

Trichromacy



Original Color
268800

Protanomaly
627C00

Deuteranomaly
6B7812

Tritanomaly
388257

Monochromacy



Original Color
268800

Achromatopsia
5B5B5B

Achromatomaly
486B3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 268800 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 #268800 looks like.

```
.text, #text, p{  
    color:#268800  
}
```

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 #268800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #268800
}
```

Border

The CSS property to change the border of an element to Hex 268800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

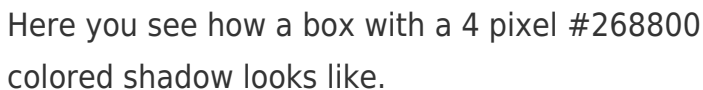
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#268800 }
```

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

```
.border{ border-color:#268800 }
```

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



Here you see how a box with a 4 pixel #268800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #268800; -webkit-box-shadow:4px 4px  
4px 4px #268800; box-shadow:4px 4px 4px  
4px #268800 }
```

Background

The CSS property to change the background color of an element to Hex 268800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#268800 }
```

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

```
.background{ background-color:#268800 }
```

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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