

Converting Colors

Hex(268500)

Have a look what the booklet for
Hex(268500) contains.

Hex(268500)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(268500)

Conversions

Conversions Part 1

Format	Color
Hex	268500
RGB	38, 133, 0
RGB Percent	15%, 52%, 0%
CMY	0.8510, 0.4784, 1.0000
CMYK	0.71, 0.00, 1.00, 0.48
HSL	103°, 100%, 26%
HSV	103°, 100%, 52%
XYZ	9.1869, 17.1871, 2.8333
YIQ	89.4330, -13.9270, -61.5030

Conversions

Conversions Part 2

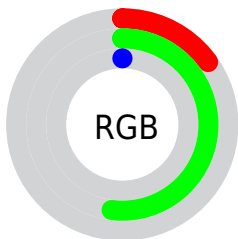
Format	Color
RYB	0, 133, 95
Decimal	2524416
CIELab	48.49, -48.53, 51.93
CIELCh	48, 71.080, 133.062
Yxy	17.1871, 0.3145, 0.5885
Android (android.graphics.Color)	4280714496 (0xFF268500)
YUV	89.4330, -44.0905, -45.1067
Hunter-Lab	41.4574, -32.9952, 24.9682

Details

The Hex color **268500** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **5F0085**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **63BB41**, and **005200** is the 20% darker color. If you saturate the color by 10%, you get **268500**, and if you desaturate by 10%, it is **30850D**.

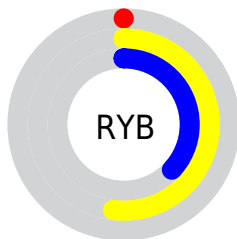
Distribution



Red (15%)

Green (52%)

Blue (0%)



Red (0%)

Yellow (52%)

Blue (37%)

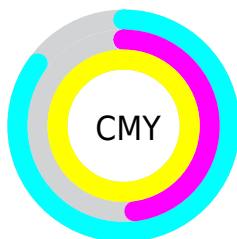


Cyan (71%)

Magenta (0%)

Yellow (100%)

Black (48%)



Cyan (85%)

Magenta (48%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 268500 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 268500 by changing the saturation by 10% instead.

 268500

 268500

FFFFFF

 006B00

 63BB41

 005200

 80D75C

 003A00

 9CF476

 002400

 B9FF91

 000000

 D6FFAD

 F4FFC9

 FFFFE6

 268500

 30850D

 39851B

 438528

 4C8535

 568543

 5F8550

 69855D

 72856A

 7C8578

Harmonies

Analogous

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



747900



268500



008B4E

Triad

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



268500



0084E7



DB255C

Complementary

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



268500



5F0085

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.



CC3198



268500



0072EA

Square

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



268500



008CC5



9555CC



CC4521

Rectangle

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



268500



008D78



9555CC



DA2270

Sweetspot

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



268500



88AD79



855D00



405737



D6D6D6



575757

Same Dimension

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



268500



32AD00



00851B



3E423C



258200



010300

Inverse Universe

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



5F0085



7C00AD



85006A



403C42



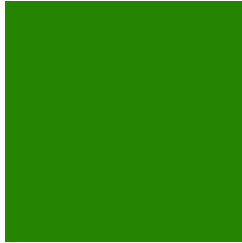
5D0082



020003

Previews

White Background



This preview shows how the Hex color 268500 looks on a white background.

Color Contrast Check

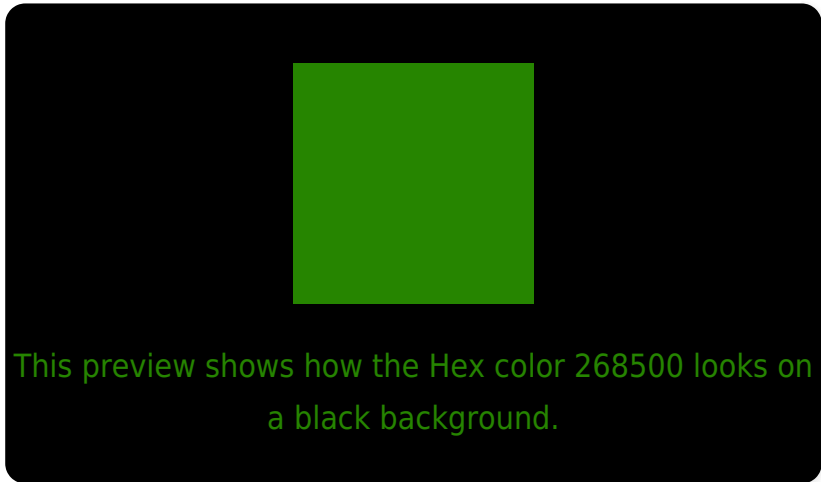
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 268500 Background



This preview shows how black text looks on a background with the Hex color 268500.



This preview shows how white text looks on a background with the Hex color 268500.

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
268500

Protanopia
817300

Deuteranopia
906D1C



Tritanopia
427C86

Trichromacy



Original Color
268500

Protanomaly
607A00

Deuteranomaly
697612

Tritanomaly
387F55

Monochromacy



Original Color
268500

Achromatopsia
595959

Achromatomaly
466939

CSS Examples

Text

The CSS property to change the color of the text to Hex 268500 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 #268500 looks like.

```
.text, #text, p{  
    color:#268500  
}
```

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 #268500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #268500
}
```

Border

The CSS property to change the border of an element to Hex 268500 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
#268500 }
```

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

```
.border{ border-color:#268500 }
```

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

Here you see how a box with a 4 pixel #268500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #268500; -webkit-box-shadow:4px 4px  
4px 4px #268500; box-shadow:4px 4px 4px  
4px #268500 }
```

Background

The CSS property to change the background color of an element to Hex 268500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#268500 }
```

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

```
.background{ background-color:#268500 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor