

Converting Colors

Hex(268037)

Have a look what the booklet for
Hex(268037) contains.

Hex(268037)	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(268037)

Conversions

Conversions Part 1

Format	Color
Hex	268037
RGB	38, 128, 55
RGB Percent	15%, 50%, 22%
CMY	0.8510, 0.4980, 0.7843
CMYK	0.70, 0.00, 0.57, 0.50
HSL	131°, 54%, 33%
HSV	131°, 70%, 50%
XYZ	9.2081, 16.1262, 6.2418
YIQ	92.7680, -30.2070, -41.7830

Conversions

Conversions Part 2

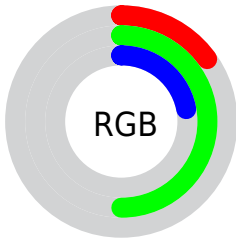
Format	Color
R_{YB}	38, 114, 128
Decimal	2523191
CIE _{Lab}	47.14, -42.51, 31.75
CIE _{LCh}	47, 53.059, 143.251
Yxy	16.1262, 0.2916, 0.5107
Android (android.graphics.Color)	4280713271 (0xFF268037)
YUV	92.7680, -18.6196, -48.0315
Hunter-Lab	40.1575, -29.3457, 18.8946

Details

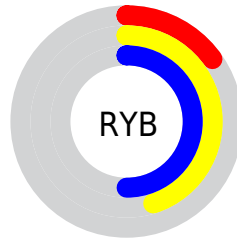
The Hex color **268037** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **80266F**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **60B668**, and **004D06** is the 20% darker color. If you saturate the color by 10%, you get **19802D**, and if you desaturate by 10%, it is **338041**.

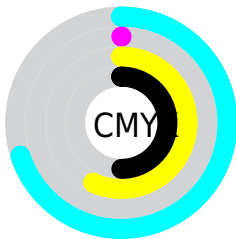
Distribution



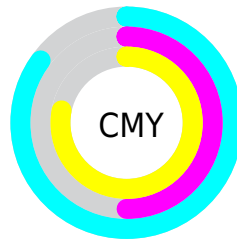
- Red (15%)
- Green (50%)
- Blue (22%)



- Red (15%)
- Yellow (45%)
- Blue (50%)



- Cyan (70%)
- Magenta (0%)
- Yellow (57%)
- Black (50%)



- Cyan (85%)
- Magenta (50%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 268037 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 268037 by changing the saturation by 10% instead.

 268037

 268037

FFFFFF

 00661F

 60B668

 004D06

 7BD282

 003600

 97EE9C

 002100

 B3FFB7

 000000

 D0FFD3

 EDFFF0

 268037

 268037

 19802D

 338041

 0C8022

 40804C

 008018

 4C8056

 598061

 66806B

 738075

 808080

 8C808A

 998094

Harmonies

Analogous

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



647810



268037



008464

Triad

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



268037



0078C9



BF474F

Complementary

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



268037



80266F

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.



BA447C



268037



5C68C2

Square

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



268037



0081B7



9C54A6



AE5828

Rectangle

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



268037



008583



9C54A6



C0445E

Sweetspot

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



268037



83A68A



708026



3F5443



D4D4D4



545454

Same Dimension

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



268037



1BA635



268064



39403B



008018



000000

Inverse Universe

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



80266F



A61B8B



802642



40393F



800067



000000

Previews

White Background



This preview shows how the Hex color 268037 looks on a white background.

Color Contrast Check

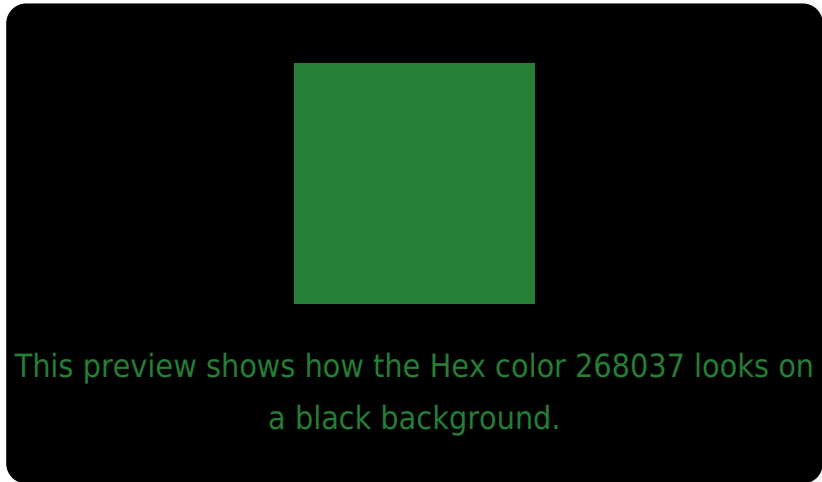
Large Text (above 18pt) WCAG AA ✓ Pass

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 268037 Background



This preview shows how black text looks on a background with the Hex color 268037.



This preview shows how white text looks on a background with the Hex color 268037.

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
268037

Protanopia
7B6F32

Deuteranopia
886A3D



Tritanopia
3D7882

Trichromacy



Original Color
268037



Protanomaly
5C7534



Deuteranomaly
64723B



Tritanomaly
357B67

Monochromacy



Original Color
268037



Achromatopsia
5D5D5D



Achromatomaly
496A4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 268037 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 #268037 looks like.

```
.text, #text, p{  
    color:#268037  
}
```

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 #268037 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #268037
}
```

Border

The CSS property to change the border of an element to Hex 268037 is called "border". The border property can be set on classes, ids or directly on the HTML element.

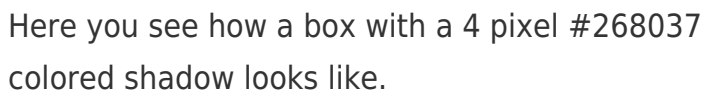
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#268037 }
```

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

```
.border{ border-color:#268037 }
```

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



Here you see how a box with a 4 pixel #268037 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #268037; -webkit-box-shadow:4px 4px  
4px 4px #268037; box-shadow:4px 4px 4px  
4px #268037 }
```

Background

The CSS property to change the background color of an element to Hex 268037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#268037 }
```

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

```
.background{ background-color:#268037 }
```

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