

Converting Colors

Hex(268334)

Have a look what the booklet for
Hex(268334) contains.

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Color

Hex(268334)

Conversions

Conversions Part 1

Format	Color
Hex	268334
RGB	38, 131, 52
RGB Percent	15%, 51%, 20%
CMY	0.8510, 0.4863, 0.7961
CMYK	0.71, 0.00, 0.60, 0.49
HSL	129°, 55%, 33%
HSV	129°, 71%, 51%
XYZ	9.5355, 16.8926, 6.0068
YIQ	94.1870, -30.0690, -44.2850

Conversions

Conversions Part 2

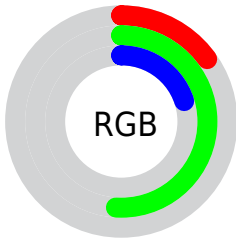
Format	Color
R_{YB}	38, 119, 131
Decimal	2523956
CIE Lab	48.12, -44.07, 34.42
CIE LCh	48, 55.920, 142.006
Yxy	16.8926, 0.2940, 0.5208
Android (android.graphics.Color)	4280714036 (0xFF268334)
YUV	94.1870, -20.7982, -49.2760
Hunter-Lab	41.1006, -30.5135, 20.1052




Details

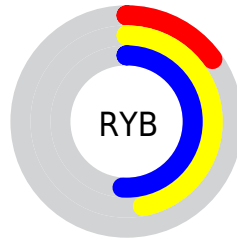
The Hex color **268334** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **832675**, and the grayscale version is **5E5E5E**.




A 20% lighter version of the original color is **60B965**, and **005002** is the 20% darker color. If you saturate the color by 10%, you get **198329**, and if you desaturate by 10%, it is **33833F**.

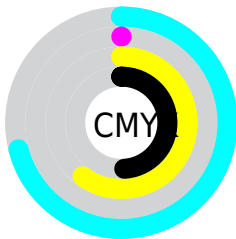
Distribution







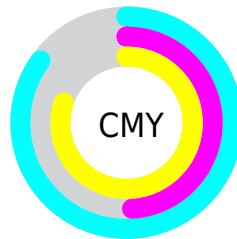
-  Red (15%)
-  Green (51%)
-  Blue (20%)






-  Red (15%)
-  Yellow (47%)
-  Blue (51%)



-  Cyan (71%)
-  Magenta (0%)
-  Yellow (60%)
-  Black (49%)



-  Cyan (85%)
-  Magenta (49%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 268334 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 268334 by changing the saturation by 10% instead.

 268334

 268334

FFFFFF

 00691C

 60B965

 005002

 7CD57F

 003800

 98F299

 002300

 B4FFB5

 000000

 D1FFD0

 EFFFED

 268334

 268334

 198329

 33833F

■ 0C831E

■ 40834A

■ 008314

■ 4D8355

■ 5A8361

■ 68836C

■ 758377

■ 828382

■ 8F838D

■ 9C8398

Harmonies

Analogous

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



687A06



268334



008764

Triad

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



268334



007CD0



C64652

Complementary

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



268334



832675

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.



C04481



268334



586BCA

Square

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



268334



0085BC



9F55AD



B55827

Rectangle

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



268334



008884



9F55AD



C74261

Sweetspot

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



268334



87AB8C



758326



415744



D6D6D6



575757

Same Dimension

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



268334



1AAB2F



268362



3C423D



008214



000300

Inverse Universe

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



832675



AB1A95



832647



423C41



82006E



030002

Previews

White Background



This preview shows how the Hex color 268334 looks on a white background.

Color Contrast Check

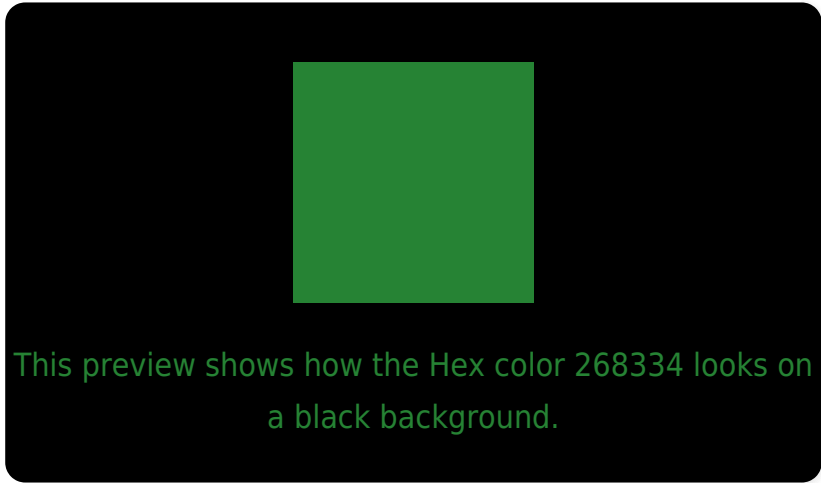
Large Text (above 18pt) WCAG AA ✓ Pass

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 268334 Background



This preview shows how black text looks on a background with the Hex color 268334.



This preview shows how white text looks on a background with the Hex color 268334.

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
268334

Protanopia
7E722F

Deuteranopia
8B6C3B



Tritanopia
3F7B85

Trichromacy



Original Color
268334



Protanomaly
5E7831



Deuteranomaly
667438



Tritanomaly
367E68

Monochromacy



Original Color
268334



Achromatopsia
5E5E5E



Achromatomaly
4A6B4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 268334 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 #268334 looks like.

```
.text, #text, p{  
    color:#268334  
}
```

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 #268334 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #268334
}
```

Border

The CSS property to change the border of an element to Hex 268334 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
#268334 }
```

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

```
.border{ border-color:#268334 }
```

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

Here you see how a box with a 4 pixel #268334 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #268334; -webkit-box-shadow:4px 4px  
4px 4px #268334; box-shadow:4px 4px 4px  
4px #268334 }
```

Background

The CSS property to change the background color of an element to Hex 268334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#268334 }
```

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

```
.background{ background-color:#268334 }
```

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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