

Converting Colors

Hex(258338)

Have a look what the booklet for
Hex(258338) contains.

Hex(258338)	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(258338)

Conversions

Conversions Part 1

Format	Color
Hex	258338
RGB	37, 131, 56
RGB Percent	15%, 51%, 22%
CMY	0.8549, 0.4863, 0.7804
CMYK	0.72, 0.00, 0.57, 0.49
HSL	132°, 56%, 33%
HSV	132°, 72%, 51%
XYZ	9.5931, 16.9114, 6.5000
YIQ	94.3440, -31.9490, -43.2530

Conversions

Conversions Part 2

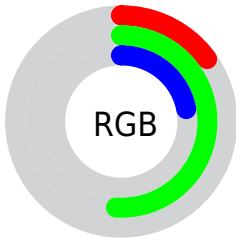
Format	Color
RYB	37, 115, 131
Decimal	2458424
CIELab	48.15, -43.70, 32.44
CIElCh	48, 54.425, 143.419
Yxy	16.9114, 0.2907, 0.5124
Android (android.graphics.Color)	4280648504 (0xFF258338)
YUV	94.3440, -18.9036, -50.2907
Hunter-Lab	41.1235, -30.3267, 19.4150

Details

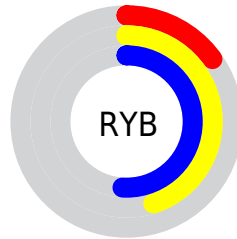
The Hex color **258338** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **832570**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **60B969**, and **005007** is the 20% darker color. If you saturate the color by 10%, you get **18832E**, and if you desaturate by 10%, it is **328342**.

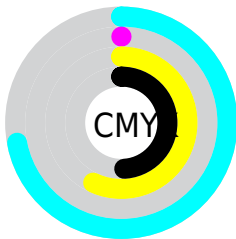
Distribution



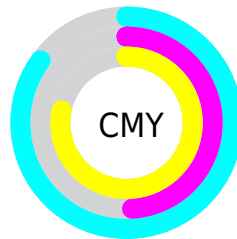
- Red (15%)
- Green (51%)
- Blue (22%)



- Red (15%)
- Yellow (45%)
- Blue (51%)



- Cyan (72%)
- Magenta (0%)
- Yellow (57%)
- Black (49%)



- Cyan (85%)
- Magenta (49%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 258338 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 258338 by changing the saturation by 10% instead.



258338



258338

FFFFFF



006920



60B969



005007



7BD583



003800



97F29D



002300



B4FFB9



000000



D0FFD5



EEFF1



258338



258338



18832E



328342

■ 0B8323

■ 3F834D

■ 00831A

■ 4C8357

■ 598362

■ 67836C

■ 748377

■ 818381

■ 8E838C

■ 9B8396

Harmonies

Analogous

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



667B0F



258338



008766

Triad

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



258338



007BCE



C44851

Complementary

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



258338



832570

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.



BF457E



258338



5E6AC7

Square

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



258338



0084BC



A055AA



B25A28

Rectangle

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



258338



008886



A055AA



C54560

Sweetspot

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



258338



85AB8D



708325



405745



D6D6D6



575757

Same Dimension

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



258338



18AB36



258367



3C423D



00821A



000301

Inverse Universe

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



832570



AB188D



832541



423C41



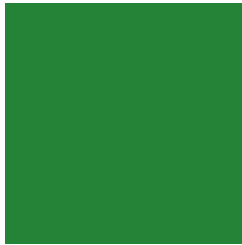
820068



030002

Previews

White Background



This preview shows how the Hex color 258338 looks on a white background.

Color Contrast Check

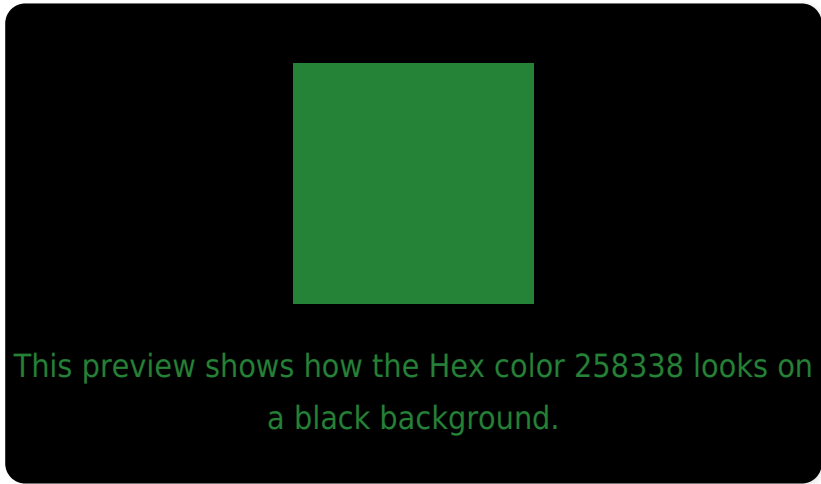
Large Text (above 18pt) WCAG AA ✓ Pass

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

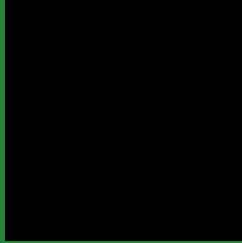
Any Text WCAG AA × Fail

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 258338 Background



This preview shows how black text looks on a background with the Hex color 258338.



This preview shows how white text looks on a background with the Hex color 258338.

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
258338

Protanopia
7E7233

Deuteranopia
8B6C3E



Tritanopia
3E7B85

Trichromacy



Original Color
258338



Protanomaly
5E7835



Deuteranomaly
66743C



Tritanomaly
357E69

Monochromacy



Original Color
258338



Achromatopsia
5E5E5E



Achromatomaly
496B50

CSS Examples

Text

The CSS property to change the color of the text to Hex 258338 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 #258338 looks like.

```
.text, #text, p{  
    color:#258338  
}
```

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 #258338 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #258338
}
```

Border

The CSS property to change the border of an element to Hex 258338 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
#258338 }
```

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

```
.border{ border-color:#258338 }
```

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

Here you see how a box with a 4 pixel #258338 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #258338; -webkit-box-shadow:4px 4px  
4px 4px #258338; box-shadow:4px 4px 4px  
4px #258338 }
```

Background

The CSS property to change the background color of an element to Hex 258338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#258338 }
```

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

```
.background{ background-color:#258338 }
```

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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