

Converting Colors

Hex(258645)

Have a look what the booklet for
Hex(258645) contains.

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Color

Hex(258645)

Conversions

Conversions Part 1

Format	Color
Hex	258645
RGB	37, 134, 69
RGB Percent	15%, 53%, 27%
CMY	0.8549, 0.4745, 0.7294
CMYK	0.72, 0.00, 0.49, 0.47
HSL	140°, 57%, 34%
HSV	140°, 72%, 53%
XYZ	10.3622, 17.8732, 8.5339
YIQ	97.5870, -36.9470, -40.7790

Conversions

Conversions Part 2

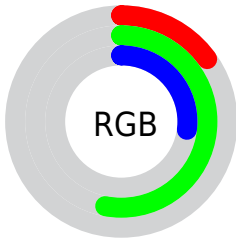
Format	Color
R_{YB}	37, 110, 134
Decimal	2459205
CIE _{Lab}	49.34, -42.79, 27.07
CIE _{LCh}	49, 50.630, 147.682
Yxy	17.8732, 0.2818, 0.4861
Android (android.graphics.Color)	4280649285 (0xFF258645)
YUV	97.5870, -14.0934, -53.1348
Hunter-Lab	42.2767, -30.2330, 17.6254

Details

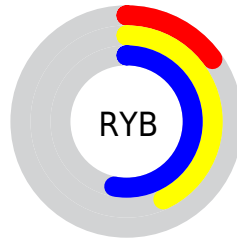
The Hex color **258645** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **862566**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **60BC76**, and **005317** is the 20% darker color. If you saturate the color by 10%, you get **18863C**, and if you desaturate by 10%, it is **32864E**.

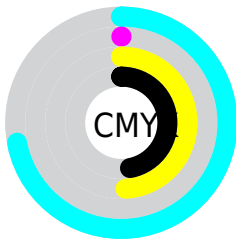
Distribution



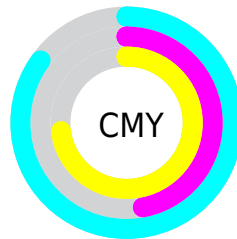
- Red (15%)
- Green (53%)
- Blue (27%)



- Red (15%)
- Yellow (43%)
- Blue (53%)



- Cyan (72%)
- Magenta (0%)
- Yellow (49%)
- Black (47%)



- Cyan (85%)
- Magenta (47%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 258645 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 258645 by changing the saturation by 10% instead.



258645



258645

FFFFFF



006C2E



60BC76



005317



7CD890



003B00



98F5AB



002600



B4FFC7



000000



D1FFE3



EEFFFF



258645



258645



18863C



32864E

■ 0A8633

■ 408657

■ 00862C

■ 4D8660

■ 5B8669

■ 688672

■ 75867B

■ 838684

■ 90868D

■ 9E8696

Harmonies

Analogous

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



647E22



258645



008970

Triad

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



258645



007BCB



C15150

Complementary

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



258645



862566

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.



C04D7A



258645



6F6BC2

Square

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



258645



0085BD



A659A4



AF612C

Rectangle

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



258645



008A8E



A659A4



C34E5E

Sweetspot

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



258645



87AD94



678625



405748



D6D6D6



575757

Same Dimension

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



258645



17AD48



258674



3C423E



00822B



000301

Inverse Universe

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



862566



AD177C



862537



423C40



820057



030002

Previews

White Background



This preview shows how the Hex color 258645 looks on a white background.

Color Contrast Check

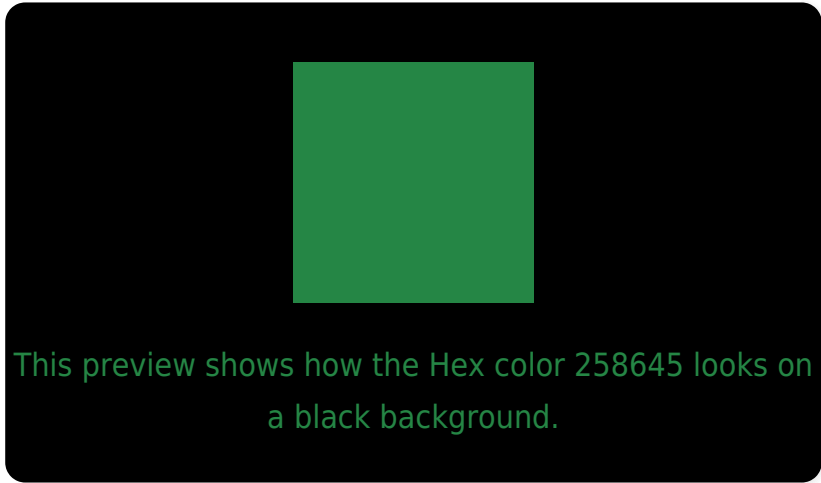
Large Text (above 18pt) WCAG AA ✓ Pass

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 258645 Background



This preview shows how black text looks on a background with the Hex color 258645.



This preview shows how white text looks on a background with the Hex color 258645.

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
258645

Protanopia
80753F

Deuteranopia
8C6F4B



Tritanopia
3D7E89

Trichromacy



Original Color
258645



Protanomaly
5F7B41



Deuteranomaly
677749



Tritanomaly
348170

Monochromacy



Original Color
258645



Achromatopsia
626262



Achromatomaly
4C6F57

CSS Examples

Text

The CSS property to change the color of the text to Hex 258645 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 #258645 looks like.

```
.text, #text, p{  
    color:#258645  
}
```

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 #258645 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #258645
}
```

Border

The CSS property to change the border of an element to Hex 258645 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
#258645 }
```

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

```
.border{ border-color:#258645 }
```

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

Here you see how a box with a 4 pixel #258645 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #258645; -webkit-box-shadow:4px 4px  
4px 4px #258645; box-shadow:4px 4px 4px  
4px #258645 }
```

Background

The CSS property to change the background color of an element to Hex 258645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#258645 }
```

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

```
.background{ background-color:#258645 }
```

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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