

# Converting Colors

Hex(248522)

Have a look what the booklet for  
Hex(248522) contains.

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# Color

Hex(248522)

# Conversions

## Conversions Part 1

Format	Color
Hex	248522
RGB	36, 133, 34
RGB Percent	14%, 52%, 13%
CMY	0.8588, 0.4784, 0.8667
CMYK	0.73, 0.00, 0.74, 0.48
HSL	119°, 59%, 33%
HSV	119°, 74%, 52%
XYZ	9.4038, 17.2656, 4.3503
YIQ	92.7110, -26.0330, -51.3530

# Conversions

## Conversions Part 2

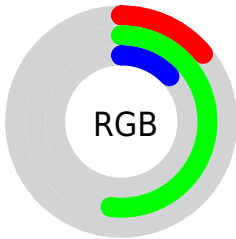
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 133, 131
Decimal	2393378
CIE <sub>Lab</sub>	48.59, -47.16, 42.99
CIE <sub>LCh</sub>	49, 63.819, 137.647
Yxy	17.2656, 0.3032, 0.5566
Android (android.graphics.Color)	4280583458 (0xFF248522)
YUV	92.7110, -28.9445, -49.7355
Hunter-Lab	41.5519, -32.3187, 22.8789

# Details

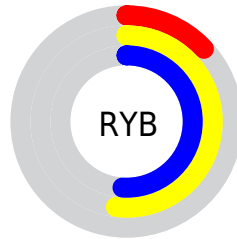
The Hex color **248522** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **832285**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **61BB55**, and **005200** is the 20% darker color. If you saturate the color by 10%, you get **178515**, and if you desaturate by 10%, it is **31852F**.

# Distribution



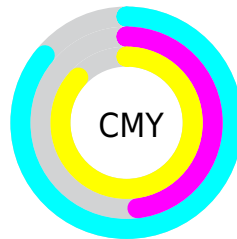
- Red (14%)
- Green (52%)
- Blue (13%)



- Red (13%)
- Yellow (52%)
- Blue (51%)



- Cyan (73%)
- Magenta (0%)
- Yellow (74%)
- Black (48%)



- Cyan (86%)
- Magenta (48%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 248522 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 248522 by changing the saturation by 10% instead.



 248522

 248522

FFFFFF

 006B03

 61BB55

 005200

 7DD76F

 003A00

 99F489

 002400

 B5FFA4

 000000

 D2FFC0

 F0FFDC

 FFFFF9

 248522

 248522

■ 178515

■ 31852F

■ 0A8507

■ 3E853D

■ 038500

■ 4B854A

■ 588557

■ 658565

■ 728572

■ 7F857F

■ 8C858C

■ 99859A

# Harmonies

## Analogous

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



6D7B00



248522



008A5A

# Triad

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



248522



0080DD



D23956

# Complementary

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



248522



832285

# 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.



C83B8C



248522



376FDB

# Square

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



248522



0089C3



9D55BD



C15023

# Rectangle

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



248522



008B80



9D55BD



D23568



# Sweetspot

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



248522



88AD87



858222



415740



D6D6D6



575757



# Same Dimension

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



248522



16AD13



228550



3C423C



038200



000300



# Inverse Universe

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



832285



AA13AD



852257



423C42



7F0082

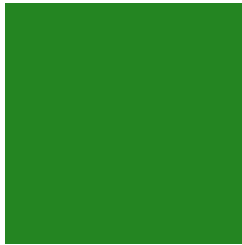


020003



# Previews

## White Background



This preview shows how the Hex color 248522 looks on a white background.

## Color Contrast Check

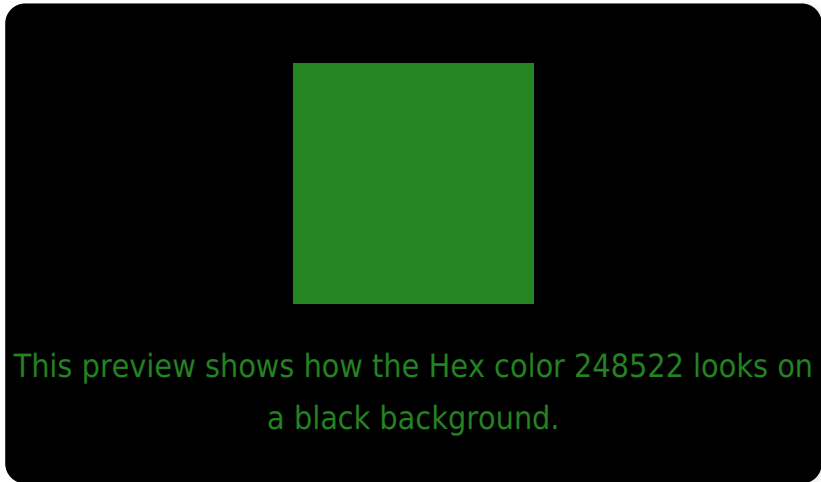
Large Text (above 18pt) WCAG AA ✓ Pass

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

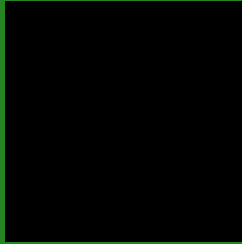
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 248522 Background



This preview shows how black text looks on a background with the Hex color 248522.



This preview shows how white text looks on a background with the Hex color 248522.

# 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**  
248522

**Protanopia**  
81731D

**Deuteranopia**  
8F6D2C



**Tritanopia**  
407C86

# Trichromacy



**Original Color**  
248522



**Protanomaly**  
5F7A1F



**Deuteranomaly**  
687628



**Tritanomaly**  
367F62

# Monochromacy



**Original Color**  
248522



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
486C48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 248522 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 #248522 looks like.

```
.text, #text, p{  
    color:#248522  
}
```

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 #248522 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #248522
}
```

## Border

The CSS property to change the border of an element to Hex 248522 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
#248522 }
```

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

```
.border{ border-color:#248522 }
```

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

Here you see how a box with a 4 pixel #248522 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #248522; -webkit-box-shadow:4px 4px  
4px 4px #248522; box-shadow:4px 4px 4px  
4px #248522 }
```

# Background

The CSS property to change the background color of an element to Hex 248522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#248522 }
```

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

```
.background{ background-color:#248522 }
```

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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