

# Converting Colors

Hex(25A447)

Have a look what the booklet for  
Hex(25A447) contains.

<b>Hex(25A447)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(25A447)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25A447
RGB	37, 164, 71
RGB Percent	15%, 64%, 28%
CMY	0.8549, 0.3569, 0.7216
CMYK	0.77, 0.00, 0.57, 0.36
HSL	136°, 63%, 39%
HSV	136°, 77%, 64%
XYZ	15.1757, 27.3992, 10.4500
YIQ	115.4250, -45.8390, -55.8470

# Conversions

## Conversions Part 2

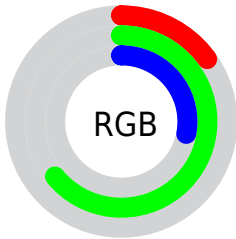
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 137, 164
Decimal	2466887
CIE <sub>Lab</sub>	59.34, -53.50, 38.33
CIE <sub>LCh</sub>	59, 65.812, 144.378
Yxy	27.3992, 0.2862, 0.5167
Android (android.graphics.Color)	4280656967 (0xFF25A447)
YUV	115.4250, -21.9015, -68.7787
Hunter-Lab	52.3442, -39.8513, 24.8043

# Details

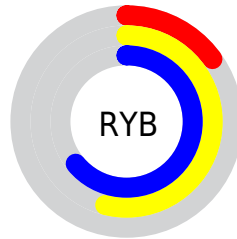
The Hex color **25A447** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A42582**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **67DC7A**, and **006F15** is the 20% darker color. If you saturate the color by 10%, you get **15A43B**, and if you desaturate by 10%, it is **35A453**.

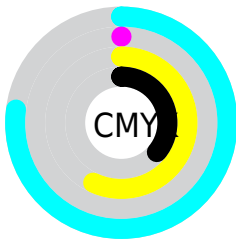
# Distribution



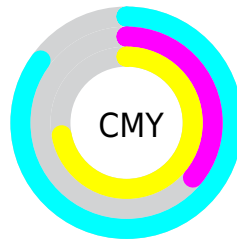
- Red (15%)
- Green (64%)
- Blue (28%)



- Red (15%)
- Yellow (54%)
- Blue (64%)



- Cyan (77%)
- Magenta (0%)
- Yellow (57%)
- Black (36%)



- Cyan (85%)
- Magenta (36%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25A447 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 25A447 by changing the saturation by 10% instead.



 25A447

 25A447


FFFFFF

 00892E

 67DC7A

 006F15

 85F994

 005500

 A2FFB0

 003D00

 BFFFCB

 002600

 DDFFE8

 000000

 FBFFFF

 25A447

 25A447

 15A43B

 35A453

 04A42F

 46A45F

 00A42C

 56A46B

 67A477

 77A483

 87A48F

 98A49B

 A8A4A7

 B9A4B3

# Harmonies

## Analogous

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



7D9A0E



25A447



00A982

# Triad

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



25A447



0099FF



F45963

# Complementary

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



25A447



A42582

# 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.



F0559C



25A447



7884F9

# Square

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



25A447



00A5EC



CA69D3



DE712F

# Rectangle

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



25A447



00AAAA



CA69D3



F65576



# Sweetspot

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



25A447



A5D6B2



82A425



4D6B55



EBEBEB



6B6B6B



# Same Dimension

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



25A447



0FD644



25A486



49524C



009127



001205



# Inverse Universe

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



A42582



D60FA1



A42543



52494F



91006A



12000D



# Previews

## White Background



This preview shows how the Hex color 25A447 looks on a white background.

## Color Contrast Check

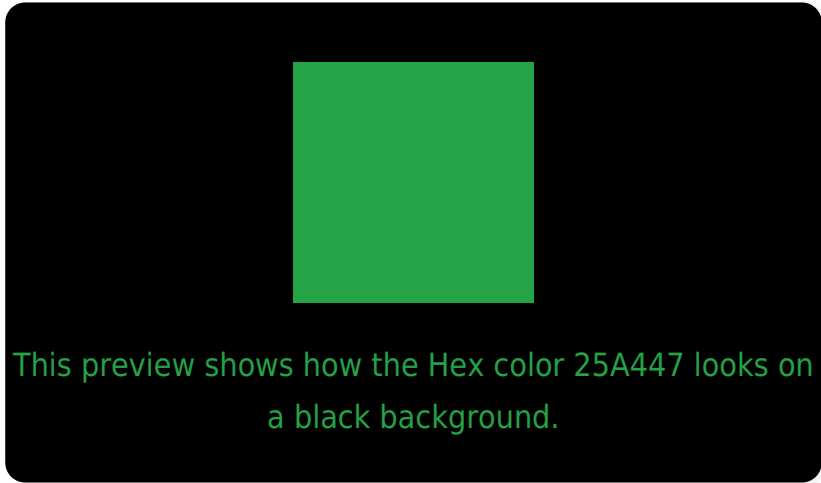
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 25A447 Background



This preview shows how black text looks on a background with the Hex color 25A447.

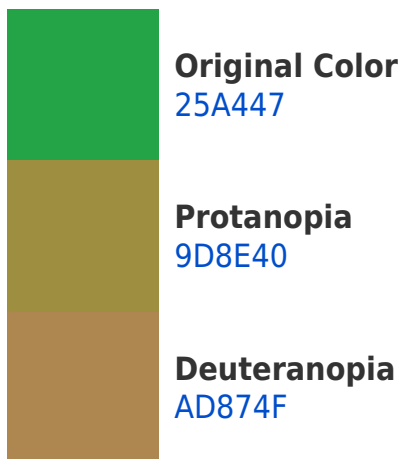


This preview shows how white text looks on a background with the Hex color 25A447.

# 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](#).

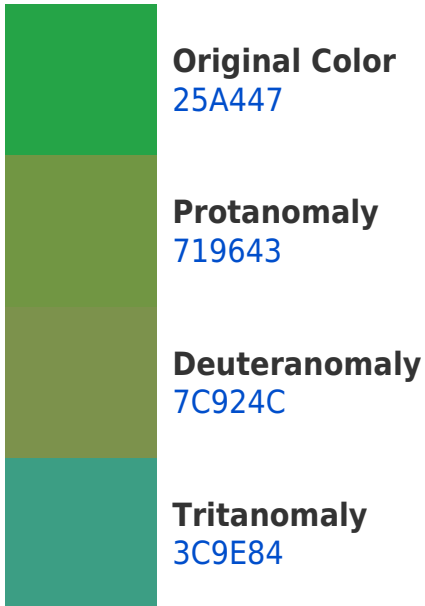
## Dichromacy





**Tritanopia**  
499AA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25A447 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 #25A447 looks like.

```
.text, #text, p{  
    color:#25A447  
}
```

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 #25A447 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25A447
}
```

## Border

The CSS property to change the border of an element to Hex 25A447 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
#25A447 }
```

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

```
.border{ border-color:#25A447 }
```

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

Here you see how a box with a 4 pixel #25A447 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25A447; -webkit-box-shadow:4px 4px  
4px 4px #25A447; box-shadow:4px 4px 4px  
4px #25A447 }
```

# Background

The CSS property to change the background color of an element to Hex 25A447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25A447 }
```

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

```
.background{ background-color:#25A447 }
```

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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