

Converting Colors

Hex(25A457)

Have a look what the booklet for
Hex(25A457) contains.

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Color

Hex(25A457)

Conversions

Conversions Part 1

Format	Color
Hex	25A457
RGB	37, 164, 87
RGB Percent	15%, 64%, 34%
CMY	0.8549, 0.3569, 0.6588
CMYK	0.77, 0.00, 0.47, 0.36
HSL	144°, 63%, 39%
HSV	144°, 77%, 64%
XYZ	15.7587, 27.6324, 13.5198
YIQ	117.2490, -50.9750, -50.8710

Conversions

Conversions Part 2

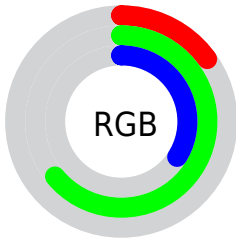
Format	Color
R_{YB}	37, 128, 164
Decimal	2466903
CIE _{Lab}	59.56, -50.99, 30.49
CIE _{LCh}	60, 59.407, 149.121
Yxy	27.6324, 0.2769, 0.4855
Android (android.graphics.Color)	4280656983 (0xFF25A457)
YUV	117.2490, -14.9128, -70.3784
Hunter-Lab	52.5665, -38.4795, 21.5475

Details

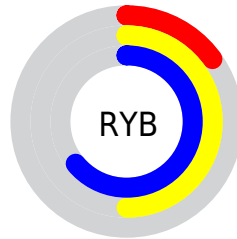
The Hex color **25A457** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A42572**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **67DC8A**, and **006F27** is the 20% darker color. If you saturate the color by 10%, you get **15A44D**, and if you desaturate by 10%, it is **35A461**.

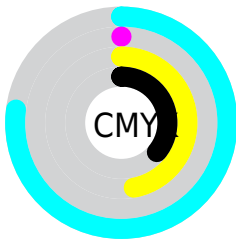
Distribution



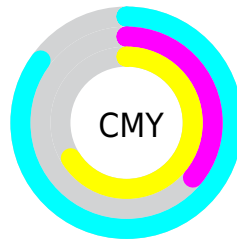
- Red (15%)
- Green (64%)
- Blue (34%)



- Red (15%)
- Yellow (50%)
- Blue (64%)



- Cyan (77%)
- Magenta (0%)
- Yellow (47%)
- Black (36%)



- Cyan (85%)
- Magenta (36%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25A457 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 25A457 by changing the saturation by 10% instead.

 25A457

 25A457

FFFFFF

 00893F

 67DC8A

 006F27

 84F9A5

 00550F

 A1FFC0

 003D00

 BEFFDC

 002700

 DCFFF9

 000000

 FAFFFF

 25A457

 25A457

 15A44D

 35A461

■ 04A443

■ 46A46B

■ 00A441

■ 56A475

■ 67A47F

■ 77A489

■ 87A493

■ 98A49D

■ A8A4A7

■ B9A4B0

Harmonies

Analogous

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



789B2B



25A457



00A88C

Triad

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



25A457



0096F8



EB6460

Complementary

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



25A457



A42572

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.



EB5D93



25A457



8C82EB

Square

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



25A457



00A2E9



CD6BC6



D37834

Rectangle

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



25A457



00A8B0



CD6BC6



EE6070

Sweetspot

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



25A457



A5D6B8



73A425



4D6B59



EBEBEB



6B6B6B

Same Dimension

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



25A457



0FD65D



25A495



49524D



009139



001207

Inverse Universe

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



A42572



D60F88



A42534



52494E



910058



12000B

Previews

White Background



This preview shows how the Hex color 25A457 looks on a white background.

Color Contrast Check

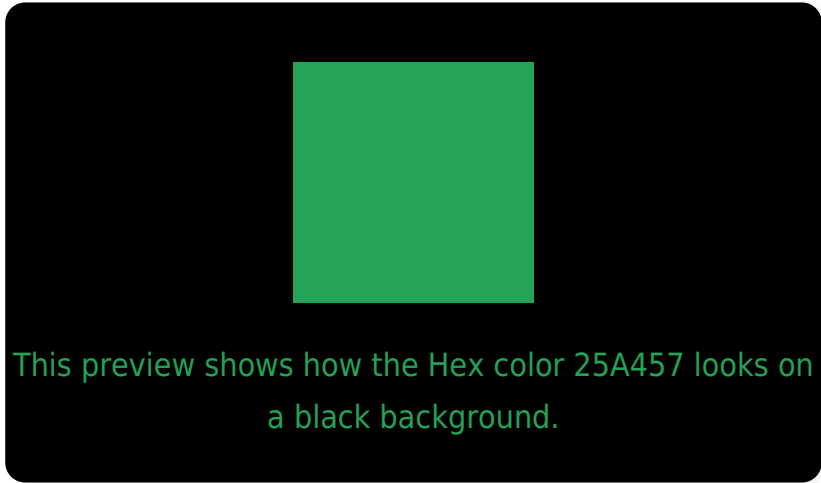
Large Text (above 18pt) WCAG AA ✓ Pass

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

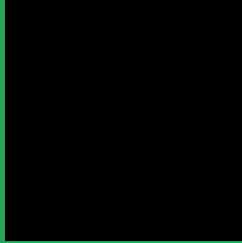
Any Text WCAG AA ✓ Pass

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 25A457 Background



This preview shows how black text looks on a background with the Hex color 25A457.

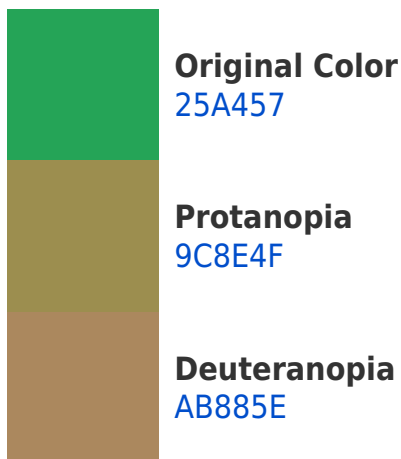


This preview shows how white text looks on a background with the Hex color 25A457.

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
469BA7

Trichromacy



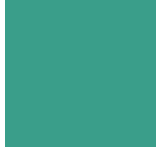
Original Color
25A457



Protanomaly
719652



Deuteranomaly
7A925B



Tritanomaly
3A9E8A

Monochromacy



Original Color
25A457



Achromatopsia
757575



Achromatomaly
58866A

CSS Examples

Text

The CSS property to change the color of the text to Hex 25A457 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 #25A457 looks like.

```
.text, #text, p{  
    color:#25A457  
}
```

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 #25A457 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25A457
}
```

Border

The CSS property to change the border of an element to Hex 25A457 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
#25A457 }
```

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

```
.border{ border-color:#25A457 }
```

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

Here you see how a box with a 4 pixel #25A457 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25A457; -webkit-box-shadow:4px 4px  
4px 4px #25A457; box-shadow:4px 4px 4px  
4px #25A457 }
```

Background

The CSS property to change the background color of an element to Hex 25A457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25A457 }
```

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

```
.background{ background-color:#25A457 }
```

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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