

Converting Colors

Hex(25A583)

Have a look what the booklet for
Hex(25A583) contains.

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Color

Hex(25A583)

Conversions

Conversions Part 1

Format	Color
Hex	25A583
RGB	37, 165, 131
RGB Percent	15%, 65%, 51%
CMY	0.8549, 0.3529, 0.4863
CMYK	0.78, 0.00, 0.21, 0.35
HSL	164°, 63%, 40%
HSV	164°, 78%, 65%
XYZ	18.3148, 28.9423, 26.0939
YIQ	122.8520, -65.3740, -37.7100

Conversions

Conversions Part 2

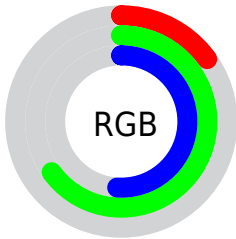
Format	Color
RYB	37, 111, 165
Decimal	2467203
CIELab	60.73, -41.94, 8.07
CIElCh	61, 42.708, 169.114
Yxy	28.9423, 0.2497, 0.3946
Android (android.graphics.Color)	4280657283 (0xFF25A583)
YUV	122.8520, 4.0170, -75.2922
Hunter-Lab	53.7980, -33.3786, 8.9010

Details

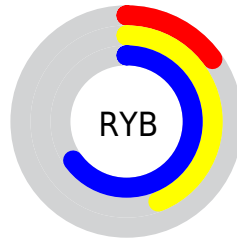
The Hex color **25A583** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A52547**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **67DDB8**, and **007052** is the 20% darker color. If you saturate the color by 10%, you get **15A57F**, and if you desaturate by 10%, it is **35A587**.

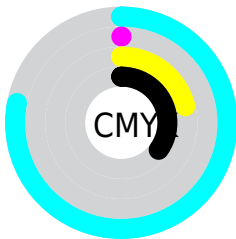
Distribution



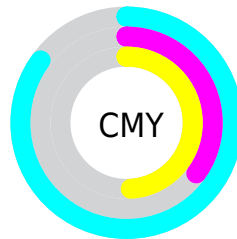
- Red (15%)
- Green (65%)
- Blue (51%)



- Red (15%)
- Yellow (44%)
- Blue (65%)



- Cyan (78%)
- Magenta (0%)
- Yellow (21%)
- Black (35%)



- Cyan (85%)
- Magenta (35%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25A583 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 25A583 by changing the saturation by 10% instead.

 25A583

 25A583


FFFFFF

 008A6A

 67DDB8

 007052

 85FAD4

 00573B

 A2FFF0

 003E25


 BFFFFFF

 002910

 DDFFFF

 000500

 FBFFFF

 000000

 25A583

 25A583

 15A57F

 35A587

■ 04A57A

■ 46A58C

■ 00A579

■ 56A590

■ 67A595

■ 77A599

■ 88A59D

■ 98A5A2

■ A9A5A6

■ BAA5AA

Harmonies

Analogous

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



66A05F



25A583



00A6AA

Triad

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



25A583



808EDA



CF7E5B

Complementary

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



25A583



A52547

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.



DA747C



25A583



B47FC4

Square

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



25A583



2B9ADC



D275A2



B58C47

Rectangle

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



25A583



00A4C1



D275A2



D57A65

Sweetspot

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



25A583



A5D6C9



47A525



4D6B63



EBEBEB



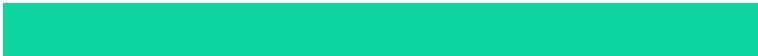
6B6B6B

Same Dimension

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



25A583



0FD6A1



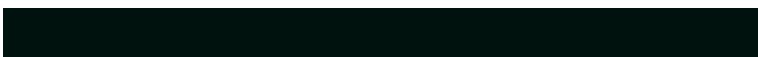
2587A5



49524F



00916B



00120D

Inverse Universe

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



A52547



D60F44



A54325



52494C



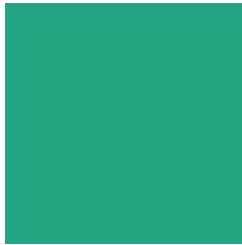
910027



120005

Previews

White Background



This preview shows how the Hex color 25A583 looks on a white background.

Color Contrast Check

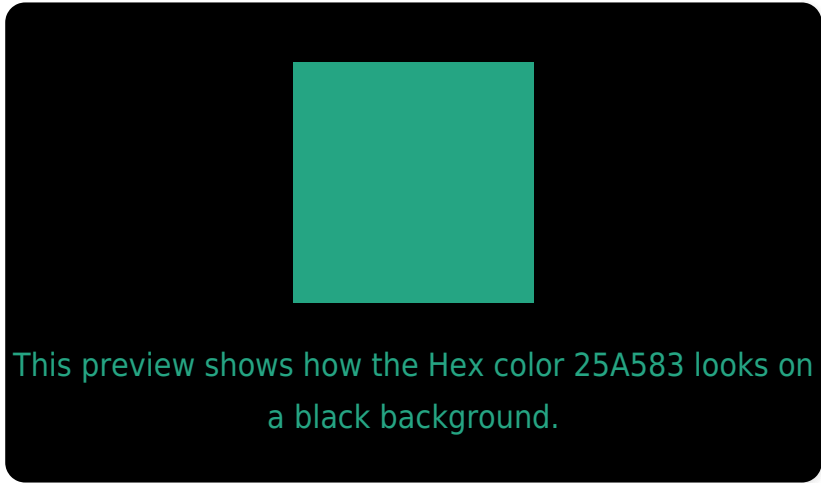
Large Text (above 18pt) WCAG AA ✓ Pass

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

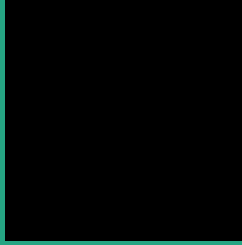
Any Text WCAG AA ✓ Pass

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 25A583 Background



This preview shows how black text looks on a background with the Hex color 25A583.

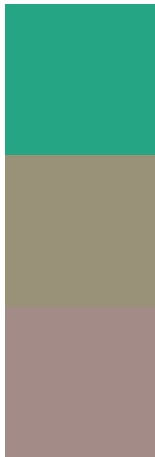


This preview shows how white text looks on a background with the Hex color 25A583.

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
25A583

Protanopia
9A9179

Deuteranopia
A38C88



Tritanopia
3D9FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 25A583 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 #25A583 looks like.

```
.text, #text, p{  
    color:#25A583  
}
```

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 #25A583 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25A583
}
```

Border

The CSS property to change the border of an element to Hex 25A583 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
#25A583 }
```

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

```
.border{ border-color:#25A583 }
```

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

Here you see how a box with a 4 pixel #25A583 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25A583; -webkit-box-shadow:4px 4px  
4px 4px #25A583; box-shadow:4px 4px 4px  
4px #25A583 }
```

Background

The CSS property to change the background color of an element to Hex 25A583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25A583 }
```

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

```
.background{ background-color:#25A583 }
```

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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