

Converting Colors

Hex(25BA76)

Have a look what the booklet for
Hex(25BA76) contains.

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Color

Hex(25BA76)

Conversions

Conversions Part 1

Format	Color
Hex	25BA76
RGB	37, 186, 118
RGB Percent	15%, 73%, 46%
CMY	0.8549, 0.2706, 0.5373
CMYK	0.80, 0.00, 0.37, 0.27
HSL	153°, 67%, 44%
HSV	153°, 80%, 73%
XYZ	21.5919, 36.8191, 23.1083
YIQ	133.6970, -66.9760, -52.7360

Conversions

Conversions Part 2

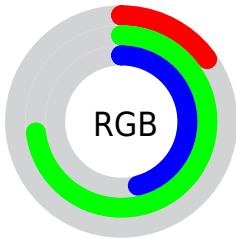
Format	Color
RYB	37, 134, 186
Decimal	2472566
CIELab	67.14, -53.28, 24.05
CIELCh	67, 58.458, 155.708
Yxy	36.8191, 0.2649, 0.4517
Android (android.graphics.Color)	4280662646 (0xFF25BA76)
YUV	133.6970, -7.7386, -84.8033
Hunter-Lab	60.6788, -42.6706, 19.8957

Details

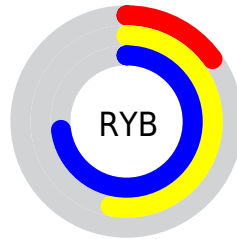
The Hex color **25BA76** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **BA2569**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **6CF3AB**, and **008345** is the 20% darker color. If you saturate the color by 10%, you get **12BA6E**, and if you desaturate by 10%, it is **38BA7E**.

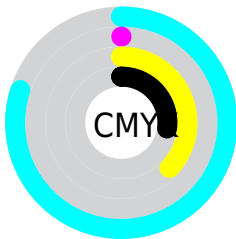
Distribution



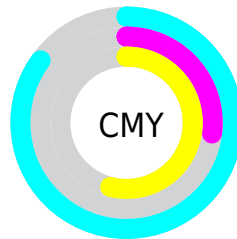
- Red (15%)
- Green (73%)
- Blue (46%)



- Red (15%)
- Yellow (53%)
- Blue (73%)



- Cyan (80%)
- Magenta (0%)
- Yellow (37%)
- Black (27%)



- Cyan (85%)
- Magenta (27%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25BA76 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 25BA76 by changing the saturation by 10% instead.

 25BA76

 25BA76

FFFFFF

 009E5D

 6CF3AB

 008345

 8AFFC6

 00692E

 A8FFE2

 005017

 C6FFFF

 003800

 E4FFFF

 002100

 000000

 25BA76

 25BA76

 12BA6E

 38BA7E

■ 00BA65

■ 4ABA87

■ 5DBA8F

■ 6FBA98

■ 82BAA0

■ 95BAA9

■ A7BAB1

■ BABABA

■ CCBAC2

Harmonies

Analogous

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



80B249



25BA76



00BDAC

Triad

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



25BA76



4AA6FF



FE7D69

Complementary

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



25BA76



BA2569

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.



FF739B



25BA76



B391F9

Square

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



25BA76



00B4FF



EB7CD0



E29142

Rectangle

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



25BA76



00BDD0



EB7CD0



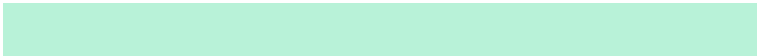
FF7879

Sweetspot

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



25BA76



B8F2D8



6BBA25



577A6A



FAFAFA



7A7A7A

Same Dimension

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



25BA76



0AF288



25B5BA



535C58



009C55



001C0F

Inverse Universe

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



BA2569



F20A74



BA2A25



5C5357



9C0047



1C000D

Previews

White Background



This preview shows how the Hex color 25BA76 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 25BA76 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

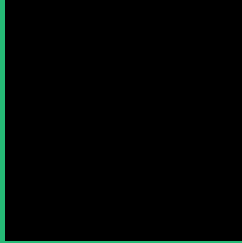
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 25BA76 Background



This preview shows how black text looks on a background with the Hex color 25BA76.

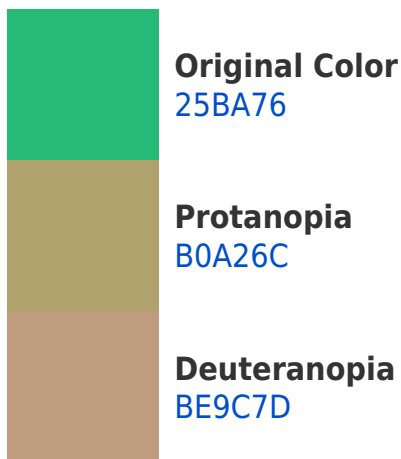


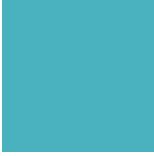
This preview shows how white text looks on a background with the Hex color 25BA76.

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
4AB1BF

Trichromacy



Original Color
25BA76



Protanomaly
7DAB70



Deuteranomaly
86A77A



Tritanomaly
3DB4A4

Monochromacy



Original Color
25BA76



Achromatopsia
868686



Achromatomaly
639980

CSS Examples

Text

The CSS property to change the color of the text to Hex 25BA76 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 #25BA76 looks like.

```
.text, #text, p{  
    color:#25BA76  
}
```

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 #25BA76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25BA76
}
```

Border

The CSS property to change the border of an element to Hex 25BA76 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
#25BA76 }
```

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

```
.border{ border-color:#25BA76 }
```

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

Here you see how a box with a 4 pixel #25BA76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25BA76; -webkit-box-shadow:4px 4px  
4px 4px #25BA76; box-shadow:4px 4px 4px  
4px #25BA76 }
```

Background

The CSS property to change the background color of an element to Hex 25BA76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25BA76 }
```

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

```
.background{ background-color:#25BA76 }
```

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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