

Converting Colors

Hex(25876D)

Have a look what the booklet for
Hex(25876D) contains.

Hex(25876D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(25876D)

Conversions

Conversions Part 1

Format	Color
Hex	25876D
RGB	37, 135, 109
RGB Percent	15%, 53%, 43%
CMY	0.8549, 0.4706, 0.5725
CMYK	0.73, 0.00, 0.19, 0.47
HSL	164°, 57%, 34%
HSV	164°, 73%, 53%
XYZ	12.1872, 18.8254, 17.4593
YIQ	102.7340, -50.0620, -28.8620

Conversions

Conversions Part 2

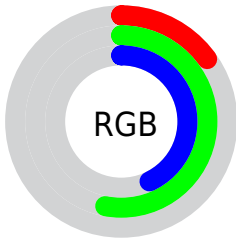
Format	Color
RYB	37, 93, 135
Decimal	2459501
CIELab	50.48, -34.43, 5.97
CIElCh	50, 34.944, 170.165
Yxy	18.8254, 0.2514, 0.3884
Android (android.graphics.Color)	4280649581 (0xFF25876D)
YUV	102.7340, 3.0891, -57.6487
Hunter-Lab	43.3882, -25.7909, 6.5136

Details

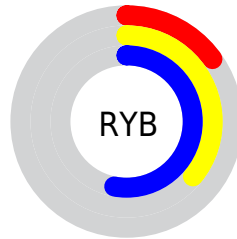
The Hex color **25876D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **87253F**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **61BDA0**, and **00543E** is the 20% darker color. If you saturate the color by 10%, you get **188769**, and if you desaturate by 10%, it is **338771**.

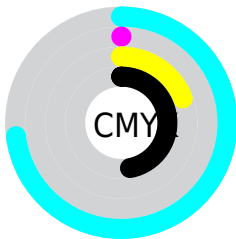
Distribution



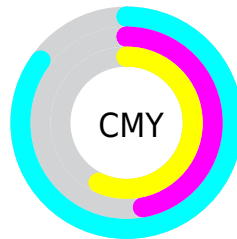
- Red (15%)
- Green (53%)
- Blue (43%)



- Red (15%)
- Yellow (36%)
- Blue (53%)



- Cyan (73%)
- Magenta (0%)
- Yellow (19%)
- Black (47%)



- Cyan (85%)
- Magenta (47%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25876D 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 25876D by changing the saturation by 10% instead.

 25876D

 25876D

FFFFFF

 006D55

 61BDA0

 00543E

 7CD9BB

 003C28

 98F6D7

 002713

 B5FFF4

 000300

 D2FFFF

 000000

 EFFFFFF

 25876D

 25876D

 188769

 338771

■ 0A8766

■ 408774

■ 008763

■ 4E8778

■ 5B877B

■ 69877F

■ 768782

■ 848786

■ 91878A

■ 9F878D

Harmonies

Analogous

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



548351



25876D



00878C

Triad

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



25876D



6C74B0



A8684C

Complementary

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



25876D



87253F

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.



B16165



25876D



94699F

Square

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



25876D



317EB2



AB6183



93733D

Rectangle

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



25876D



00869E



AB6183



AC6553

Sweetspot

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



25876D



89B0A6



3F8725



425953



D9D9D9



595959

Same Dimension

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



25876D



17B087



257087



3C4241



008260



000302

Inverse Universe

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



87253F



B0173F



873C25



423C3D



820023



030001

Previews

White Background



This preview shows how the Hex color 25876D looks on a white background.

Color Contrast Check

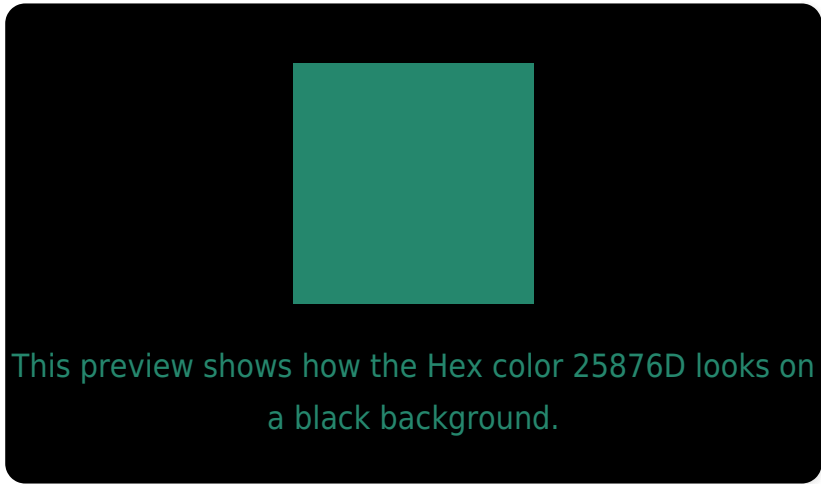
Large Text (above 18pt) WCAG AA ✓ Pass

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

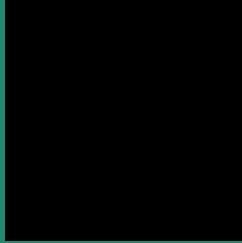
Any Text WCAG AA ✓ Pass

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 25876D Background



This preview shows how black text looks on a background with the Hex color 25876D.

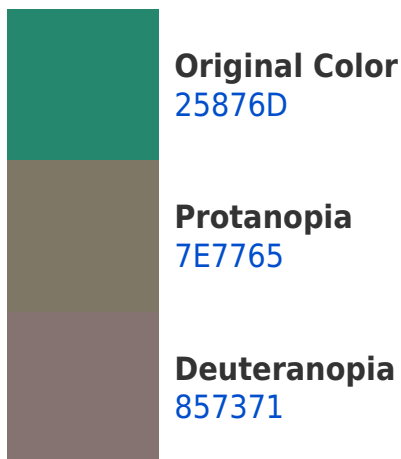



This preview shows how white text looks on a background with the Hex color 25876D.

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
35838D

Trichromacy



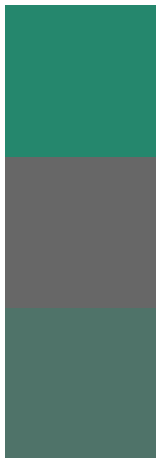
Original Color
25876D

Protanomaly
5E7D68

Deuteranomaly
627A70

Tritanomaly
2F8481

Monochromacy



Original Color
25876D

Achromatopsia
676767

Achromatomaly
4F7369

CSS Examples

Text

The CSS property to change the color of the text to Hex 25876D 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 #25876D looks like.

```
.text, #text, p{  
    color:#25876D  
}
```

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 #25876D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25876D
}
```

Border

The CSS property to change the border of an element to Hex 25876D 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
#25876D }
```

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

```
.border{ border-color:#25876D }
```

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

Here you see how a box with a 4 pixel #25876D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25876D; -webkit-box-shadow:4px 4px  
4px 4px #25876D; box-shadow:4px 4px 4px  
4px #25876D }
```

Background

The CSS property to change the background color of an element to Hex 25876D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25876D }
```

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

```
.background{ background-color:#25876D }
```

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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