

Converting Colors

Hex(21876B)

Have a look what the booklet for
Hex(21876B) contains.

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Color

Hex(21876B)

Conversions

Conversions Part 1

Format	Color
Hex	21876B
RGB	33, 135, 107
RGB Percent	13%, 53%, 42%
CMY	0.8706, 0.4706, 0.5804
CMYK	0.76, 0.00, 0.21, 0.47
HSL	164°, 61%, 33%
HSV	164°, 76%, 53%
XYZ	11.9450, 18.7128, 16.8923
YIQ	101.3100, -51.8040, -30.3320

Conversions

Conversions Part 2

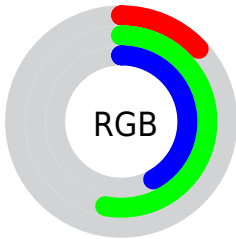
Format	Color
RYB	33, 92, 135
Decimal	2197355
CIELab	50.35, -35.54, 6.93
CIELCh	50, 36.209, 168.967
Yxy	18.7128, 0.2512, 0.3935
Android (android.graphics.Color)	4280387435 (0xFF21876B)
YUV	101.3100, 2.8052, -59.9079
Hunter-Lab	43.2583, -26.4124, 7.1282

Details

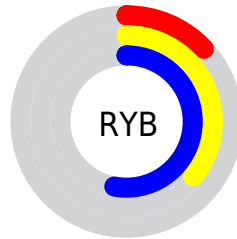
The Hex color **21876B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **87213D**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **5EBD9E**, and **00543C** is the 20% darker color. If you saturate the color by 10%, you get **138767**, and if you desaturate by 10%, it is **2F876F**.

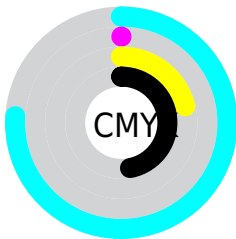
Distribution



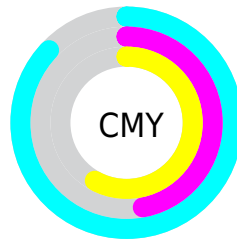
- Red (13%)
- Green (53%)
- Blue (42%)



- Red (13%)
- Yellow (36%)
- Blue (53%)



- Cyan (76%)
- Magenta (0%)
- Yellow (21%)
- Black (47%)



- Cyan (87%)
- Magenta (47%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21876B 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 21876B by changing the saturation by 10% instead.

 21876B

 21876B

FFFFFF

 006D53


 5EBD9E

 00543C

 7AD9B9

 003C26

 96F6D5

 002711

 B3FFF1

 000200

 D0FFFF

 000000

 EDFFFF

 21876B

 21876B

 138767

 2F876F

■ 068764

■ 3C8772

■ 008762

■ 4A8776

■ 57877A

■ 65877E

■ 728781

■ 808785

■ 8D8789

■ 9B878C

Harmonies

Analogous

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



54834E



21876B



00888B

Triad

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



21876B



6974B2



AA674A

Complementary

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



21876B



87213D

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.



B35F65



21876B



9368A1

Square

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



21876B



267EB4



AC6085



95723A

Rectangle

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



21876B



00869E



AC6085



AE6453

Sweetspot

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



21876B



87B0A5



3E8721



405952



D9D9D9



595959

Same Dimension

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



21876B



10B084



217187



3C4240



00825E



000302

Inverse Universe

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



87213D



B0103C



873721



423C3D



820024



030001

Previews

White Background



This preview shows how the Hex color 21876B looks on a white background.

Color Contrast Check

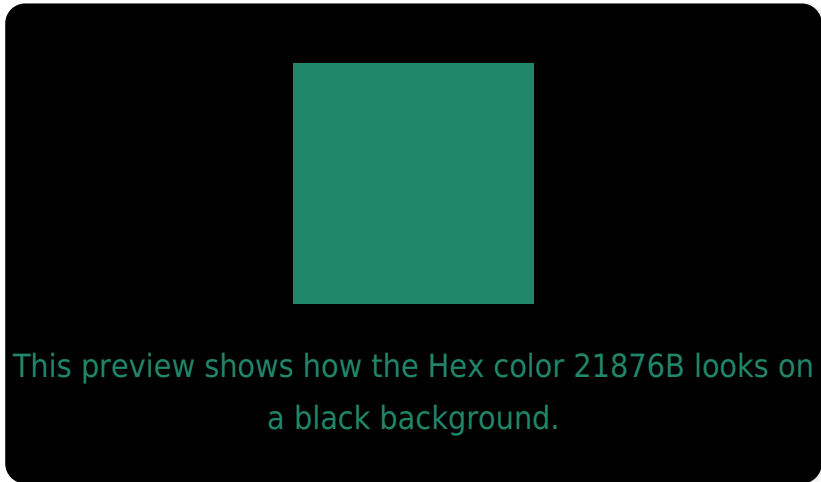
Large Text (above 18pt) WCAG AA ✓ Pass

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

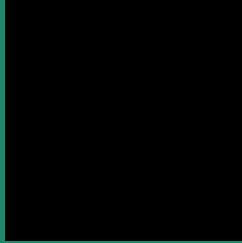
Any Text WCAG AA ✓ Pass

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 21876B Background



This preview shows how black text looks on a background with the Hex color 21876B.

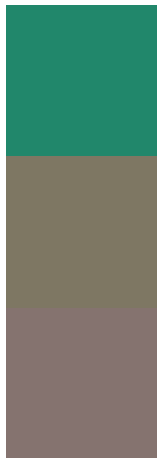


This preview shows how white text looks on a background with the Hex color 21876B.

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
21876B

Protanopia
7E7763

Deuteranopia
85736F



Tritanopia
33828D

Trichromacy



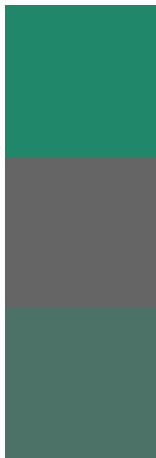
Original Color
21876B

Protanomaly
5C7D66

Deuteranomaly
617A6E

Tritanomaly
2C8481

Monochromacy



Original Color
21876B

Achromatopsia
656565

Achromatomaly
4C7167

CSS Examples

Text

The CSS property to change the color of the text to Hex 21876B 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 #21876B looks like.

```
.text, #text, p{  
    color:#21876B  
}
```

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 #21876B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21876B
}
```

Border

The CSS property to change the border of an element to Hex 21876B 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
#21876B }
```

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

```
.border{ border-color:#21876B }
```

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

Here you see how a box with a 4 pixel #21876B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21876B; -webkit-box-shadow:4px 4px  
4px 4px #21876B; box-shadow:4px 4px 4px  
4px #21876B }
```

Background

The CSS property to change the background color of an element to Hex 21876B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21876B }
```

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

```
.background{ background-color:#21876B }
```

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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