

Converting Colors

Hex(21856A)

Have a look what the booklet for
Hex(21856A) contains.

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Color

Hex(21856A)

Conversions

Conversions Part 1

Format	Color
Hex	21856A
RGB	33, 133, 106
RGB Percent	13%, 52%, 42%
CMY	0.8706, 0.4784, 0.5843
CMYK	0.75, 0.00, 0.20, 0.48
HSL	164°, 60%, 33%
HSV	164°, 75%, 52%
XYZ	11.6162, 18.1390, 16.5246
YIQ	100.0220, -50.9330, -29.5970

Conversions

Conversions Part 2

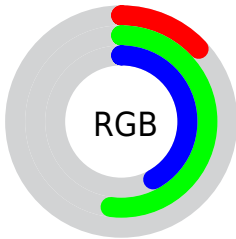
Format	Color
RYB	33, 91, 133
Decimal	2196842
CIELab	49.66, -34.91, 6.53
CIELCh	50, 35.512, 169.399
Yxy	18.1390, 0.2510, 0.3919
Android (android.graphics.Color)	4280386922 (0xFF21856A)
YUV	100.0220, 2.9472, -58.7783
Hunter-Lab	42.5899, -25.8471, 6.8088

Details

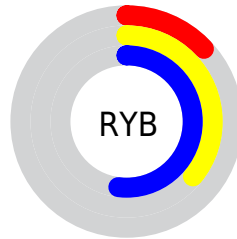
The Hex color **21856A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **85213C**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5EBB9D**, and **00523B** is the 20% darker color. If you saturate the color by 10%, you get **148566**, and if you desaturate by 10%, it is **2E856E**.

Distribution



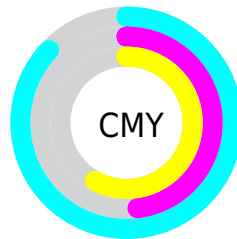
- Red (13%)
- Green (52%)
- Blue (42%)



- Red (13%)
- Yellow (36%)
- Blue (52%)



- Cyan (75%)
- Magenta (0%)
- Yellow (20%)
- Black (48%)



- Cyan (87%)
- Magenta (48%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21856A 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 21856A by changing the saturation by 10% instead.



21856A



21856A

FFFFFF



006B52



5EBB9D



00523B



7AD7B8



003B25



96F3D4



002610



B2FFF0



000000



CFFFFFF



ECFFFF



21856A



21856A



148566



2E856E

■ 068563

■ 3C8571

■ 008561

■ 498575

■ 568578

■ 64857C

■ 718580

■ 7E8583

■ 8B8587

■ 99858A

Harmonies

Analogous

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



52814E



21856A



008689

Triad

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



21856A



6872AF



A76649

Complementary

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



21856A



85213C

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.



B05E64



21856A



91679E

Square

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



21856A



287CB1



A95E82



92713A

Rectangle

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



21856A



00849B



A95E82



AB6351

Sweetspot

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



21856A



86ADA3



3D8521



3E5750



D6D6D6



575757

Same Dimension

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



21856A



11AD83



216F85



3C4241



00825F



000302

Inverse Universe

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



85213C



AD113B



853721



423C3D



820023



030001

Previews

White Background



This preview shows how the Hex color 21856A looks on a white background.

Color Contrast Check

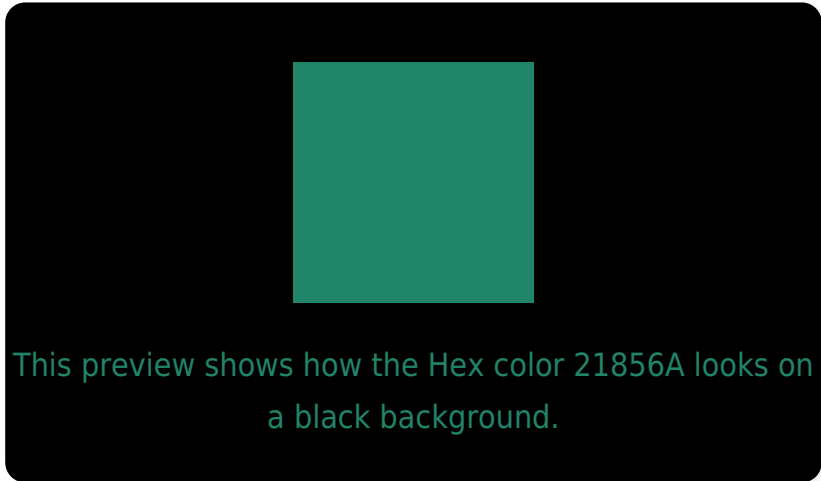
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

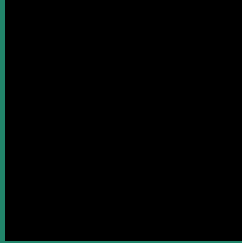
Any Text WCAG AA ✓ Pass

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 21856A Background



This preview shows how black text looks on a background with the Hex color 21856A.

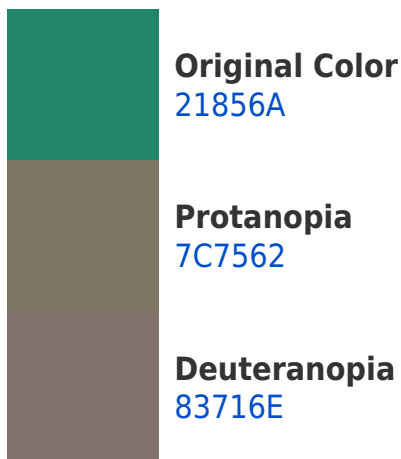


This preview shows how white text looks on a background with the Hex color 21856A.

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
33818B

Trichromacy



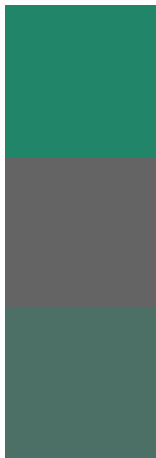
Original Color
21856A

Protanomaly
5B7B65

Deuteranomaly
5F786D

Tritanomaly
2C827F

Monochromacy



Original Color
21856A

Achromatopsia
646464

Achromatomaly
4C7066

CSS Examples

Text

The CSS property to change the color of the text to Hex 21856A 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 #21856A looks like.

```
.text, #text, p{  
    color:#21856A  
}
```

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 #21856A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21856A
}
```

Border

The CSS property to change the border of an element to Hex 21856A 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
#21856A }
```

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

```
.border{ border-color:#21856A }
```

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

Here you see how a box with a 4 pixel #21856A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21856A; -webkit-box-shadow:4px 4px  
4px 4px #21856A; box-shadow:4px 4px 4px  
4px #21856A }
```

Background

The CSS property to change the background color of an element to Hex 21856A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21856A }
```

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

```
.background{ background-color:#21856A }
```

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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