

Converting Colors

Hex(21966B)

Have a look what the booklet for
Hex(21966B) contains.

Hex(21966B)	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(21966B)

Conversions

Conversions Part 1

Format	Color
Hex	21966B
RGB	33, 150, 107
RGB Percent	13%, 59%, 42%
CMY	0.8706, 0.4118, 0.5804
CMYK	0.78, 0.00, 0.29, 0.41
HSL	158°, 64%, 36%
HSV	158°, 78%, 59%
XYZ	14.1874, 23.1976, 17.6397
YIQ	110.1150, -55.9290, -38.1770

Conversions

Conversions Part 2

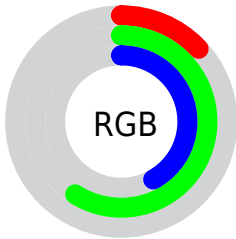
Format	Color
RYB	33, 105, 150
Decimal	2201195
CIELab	55.28, -41.99, 13.86
CIELCh	55, 44.218, 161.733
Yxy	23.1976, 0.2578, 0.4216
Android (android.graphics.Color)	4280391275 (0xFF21966B)
YUV	110.1150, -1.5357, -67.6299
Hunter-Lab	48.1638, -31.7069, 12.0001

Details

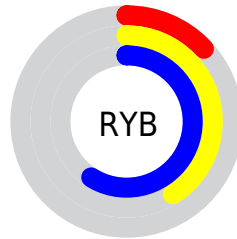
The Hex color **21966B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **96214C**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **61CD9E**, and **00623B** is the 20% darker color. If you saturate the color by 10%, you get **129665**, and if you desaturate by 10%, it is **309671**.

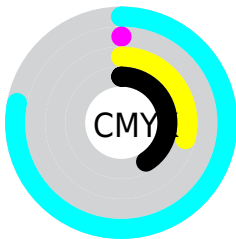
Distribution



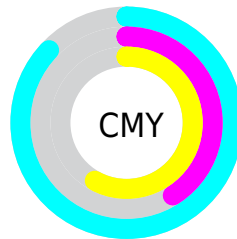
- Red (13%)
- Green (59%)
- Blue (42%)



- Red (13%)
- Yellow (41%)
- Blue (59%)



- Cyan (78%)
- Magenta (0%)
- Yellow (29%)
- Black (41%)




- Cyan (87%)
- Magenta (41%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21966B 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 21966B by changing the saturation by 10% instead.

 21966B

 21966B

FFFFFF

 007C53

 61CD9E

 00623B

 7EEAB9

 004926

 9BFFD5

 003211

 B7FFF2

 001B00

 D5FFFF

 000000

 F2FFFF

 21966B

 21966B

 129665

 309671

 039660

 3F9676

 00965F

 4E967C

 5D9681

 6C9687

 7B968C

 8A9692

 999697

 A8969D

Harmonies

Analogous

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



629149



21966B



009893

Triad

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



21966B



5E83CF



C56C53

Complementary

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



21966B



96214C

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.



CC6477



21966B



9B74BE

Square

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



21966B



008FCD



BF679D



AE7A3A

Rectangle

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



21966B



0097AC



BF679D



C9685E

Sweetspot

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



21966B



95C2B1



4E9621



466157



E0E0E0



616161

Same Dimension

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



21966B



0CC27F



218896



434A47



008A57



000A06

Inverse Universe

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



96214C



C20C4F



962F21



4A4345



8A0033



0A0004

Previews

White Background



This preview shows how the Hex color 21966B looks on a white background.

Color Contrast Check

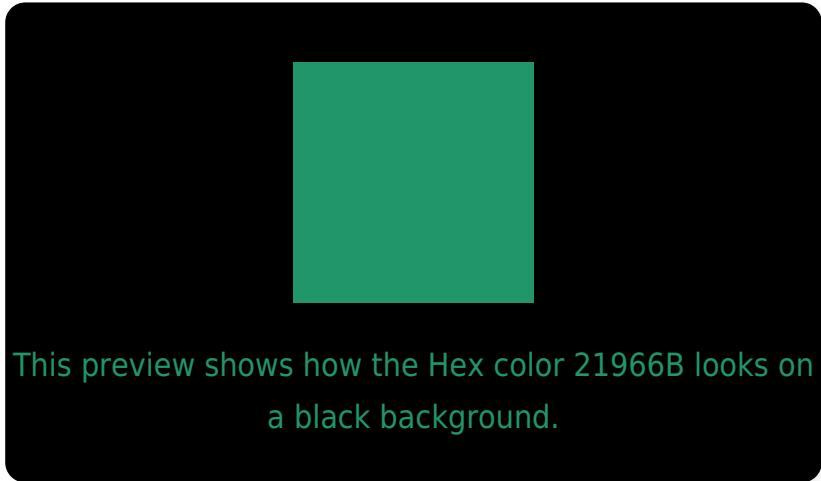
Large Text (above 18pt) WCAG AA ✓ Pass

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

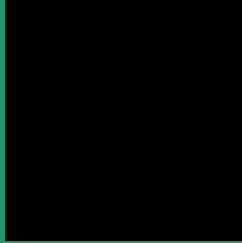
Any Text WCAG AA ✓ Pass

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 21966B Background



This preview shows how black text looks on a background with the Hex color 21966B.



This preview shows how white text looks on a background with the Hex color 21966B.

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



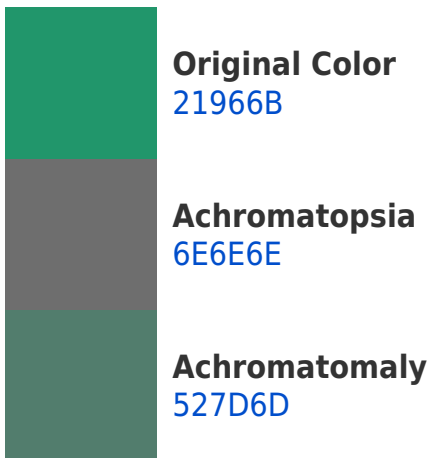


Tritanopia
3A909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21966B 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 #21966B looks like.

```
.text, #text, p{  
    color:#21966B  
}
```

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 #21966B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21966B
}
```

Border

The CSS property to change the border of an element to Hex 21966B 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
#21966B }
```

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

```
.border{ border-color:#21966B }
```

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

Here you see how a box with a 4 pixel #21966B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21966B; -webkit-box-shadow:4px 4px  
4px 4px #21966B; box-shadow:4px 4px 4px  
4px #21966B }
```

Background

The CSS property to change the background color of an element to Hex 21966B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21966B }
```

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

```
.background{ background-color:#21966B }
```

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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