

Converting Colors

Hex(21935B)

Have a look what the booklet for
Hex(21935B) contains.

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Color

Hex(21935B)

Conversions

Conversions Part 1

Format	Color
Hex	21935B
RGB	33, 147, 91
RGB Percent	13%, 58%, 36%
CMY	0.8706, 0.4235, 0.6431
CMYK	0.78, 0.00, 0.38, 0.42
HSL	151°, 63%, 35%
HSV	151°, 78%, 58%
XYZ	12.9492, 21.9461, 13.4511
YIQ	106.5300, -49.9680, -41.5840

Conversions

Conversions Part 2

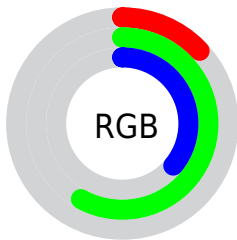
Format	Color
RYB	33, 109, 147
Decimal	2200411
CIELab	53.97, -44.31, 21.03
CIELCh	54, 49.051, 154.613
Yxy	21.9461, 0.2678, 0.4539
Android (android.graphics.Color)	4280390491 (0xFF21935B)
YUV	106.5300, -7.6563, -64.4858
Hunter-Lab	46.8467, -32.6411, 15.7688

Details

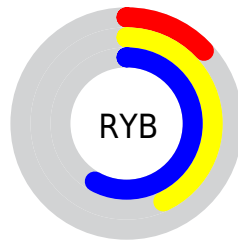
The Hex color **21935B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **932159**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **60CA8E**, and **005F2C** is the 20% darker color. If you saturate the color by 10%, you get **129354**, and if you desaturate by 10%, it is **309362**.

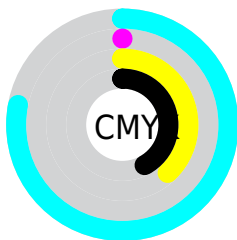
Distribution



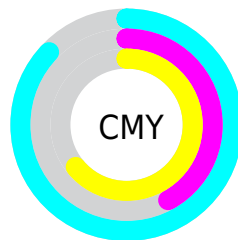
- Red (13%)
- Green (58%)
- Blue (36%)



- Red (13%)
- Yellow (43%)
- Blue (58%)



- Cyan (78%)
- Magenta (0%)
- Yellow (38%)
- Black (42%)



- Cyan (87%)
- Magenta (42%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21935B 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 21935B by changing the saturation by 10% instead.



21935B



21935B

FFFFFF



007943



60CA8E



005F2C



7DE6A8



004617



99FFC4



002F00



B6FFE0



001600



D3FFFC



000000



F1FFFF



21935B



21935B



129354



309362

■ 04934D

■ 3E9369

■ 00934B

■ 4D9371

■ 5C9378

■ 6A937F

■ 799386

■ 88938E

■ 979395

■ A5939C

Harmonies

Analogous

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



668C37



21935B



009686

Triad

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



21935B



3484D5



CA6253

Complementary

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



21935B



932159

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.



CE5B7C



21935B



8C73C7

Square

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



21935B



008FCD



BA62A6



B57233

Rectangle

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



21935B



0095A3



BA62A6



CE5E60

Sweetspot

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



21935B



93BFAA



5A9321



466154



E0E0E0



616161

Same Dimension

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



21935B



0DBF68



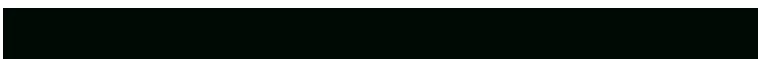
219393



434A46



008A46



000A05

Inverse Universe

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



932159



BF0D65



932121



4A4346



8A0044



0A0005

Previews

White Background



This preview shows how the Hex color 21935B looks on a white background.

Color Contrast Check

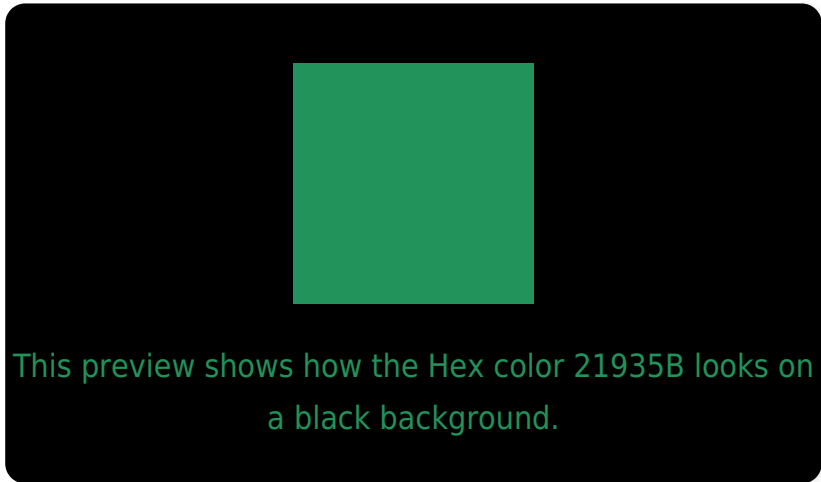
Large Text (above 18pt) WCAG AA ✓ Pass

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

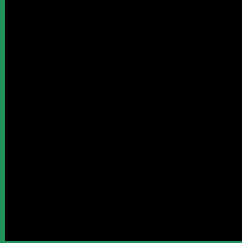
Any Text WCAG AA ✓ Pass

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 21935B Background



This preview shows how black text looks on a background with the Hex color 21935B.

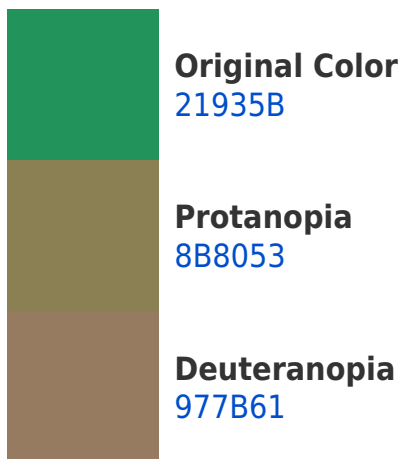


This preview shows how white text looks on a background with the Hex color 21935B.

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
3D8C97

Trichromacy



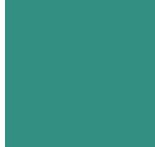
Original Color
21935B



Protanomaly
648756



Deuteranomaly
6C845F



Tritanomaly
338F81

Monochromacy



Original Color
21935B



Achromatopsia
6B6B6B



Achromatomaly
507A65

CSS Examples

Text

The CSS property to change the color of the text to Hex 21935B 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 #21935B looks like.

```
.text, #text, p{  
    color:#21935B  
}
```

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 #21935B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21935B
}
```

Border

The CSS property to change the border of an element to Hex 21935B 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
#21935B }
```

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

```
.border{ border-color:#21935B }
```

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

Here you see how a box with a 4 pixel #21935B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21935B; -webkit-box-shadow:4px 4px  
4px 4px #21935B; box-shadow:4px 4px 4px  
4px #21935B }
```

Background

The CSS property to change the background color of an element to Hex 21935B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21935B }
```

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

```
.background{ background-color:#21935B }
```

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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