

Converting Colors

Hex(21815D)

Have a look what the booklet for
Hex(21815D) contains.

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Color

Hex(21815D)

Conversions

Conversions Part 1

Format	Color
Hex	21815D
RGB	33, 129, 93
RGB Percent	13%, 51%, 36%
CMY	0.8706, 0.4941, 0.6353
CMYK	0.74, 0.00, 0.28, 0.49
HSL	158°, 59%, 32%
HSV	158°, 74%, 51%
XYZ	10.4532, 16.8142, 13.0504
YIQ	96.1920, -45.6600, -31.5480

Conversions

Conversions Part 2

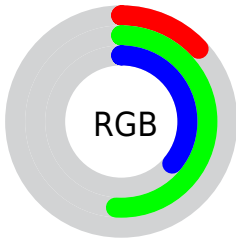
Format	Color
R_{YB}	33, 92, 129
Decimal	2195805
CIE _{Lab}	48.03, -36.41, 11.78
CIE _{LCh}	48, 38.271, 162.075
Y _{xy}	16.8142, 0.2593, 0.4170
Android (android.graphics.Color)	4280385885 (0xFF21815D)
YUV	96.1920, -1.5737, -55.4194
Hunter-Lab	41.0051, -26.2547, 9.8337

Details

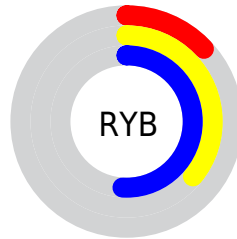
The Hex color **21815D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **812145**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **5CB78F**, and **004F2F** is the 20% darker color. If you saturate the color by 10%, you get **148158**, and if you desaturate by 10%, it is **2E8162**.

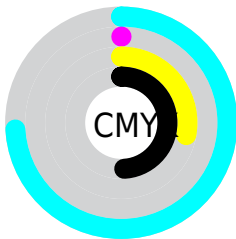
Distribution



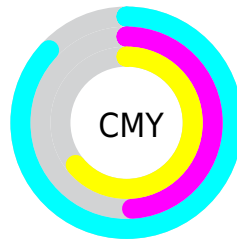
- Red (13%)
- Green (51%)
- Blue (36%)



- Red (13%)
- Yellow (36%)
- Blue (51%)



- Cyan (74%)
- Magenta (0%)
- Yellow (28%)
- Black (49%)



- Cyan (87%)
- Magenta (49%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21815D 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 21815D by changing the saturation by 10% instead.

 21815D

 21815D

FFFFFF

 006745

 5CB78F

 004F2F

 78D3AA

 00371A

 94EFC5

 002300

 B0FFE1

 000000

 CDFFE

 EAFFF

 21815D

 21815D

 148158

 2E8162

■ 078153

■ 3B8167

■ 008151

■ 48816C

■ 558170

■ 628175

■ 6E817A

■ 7B817F

■ 888184

■ 958189

Harmonies

Analogous

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



557C40



21815D



00827E

Triad

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



21815D



5371B1



A95E48

Complementary

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



21815D



812145

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.



AF5766



21815D



8564A2

Square

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



21815D



007BAF



A45A87



956934

Rectangle

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



21815D



008293



A45A87



AC5B51

Sweetspot

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



21815D



83A89A



468121



3E544C



D4D4D4



545454

Same Dimension

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



21815D



13A870



217681



39403D



008050



000000

Inverse Universe

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



812145



A8134B



812C21



40393C



800030



000000

Previews

White Background



This preview shows how the Hex color 21815D looks on a white background.

Color Contrast Check

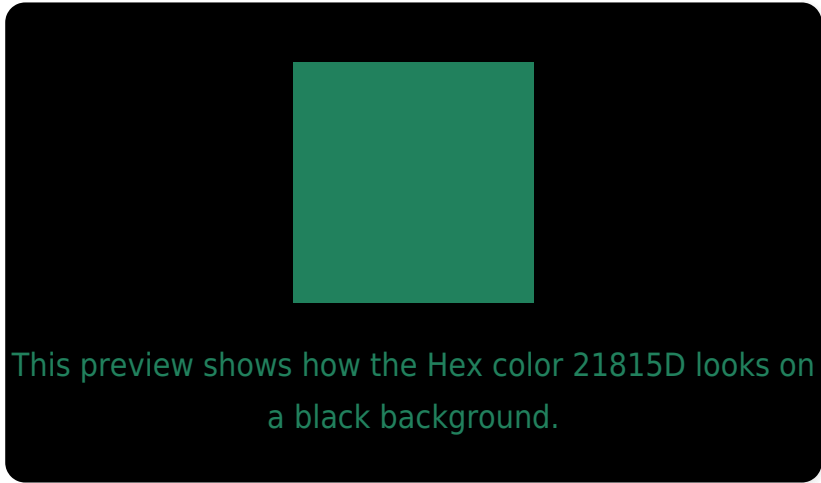
Large Text (above 18pt) WCAG AA ✓ Pass

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

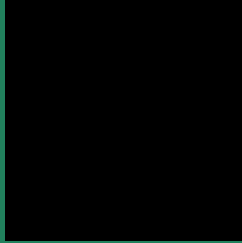
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 21815D Background



This preview shows how black text looks on a background with the Hex color 21815D.

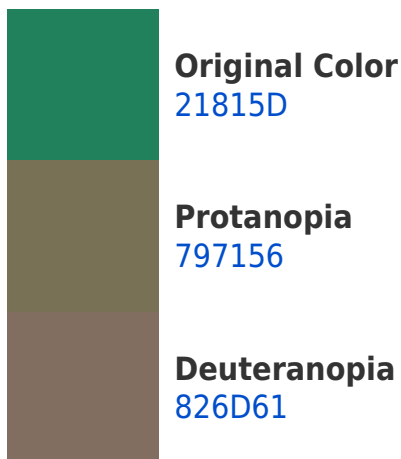



This preview shows how white text looks on a background with the Hex color 21815D.

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](#).

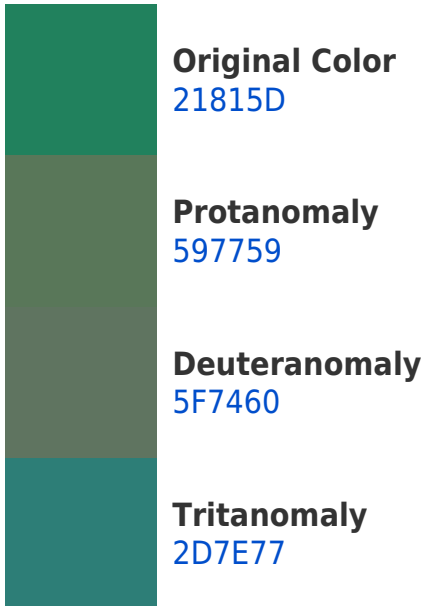
Dichromacy



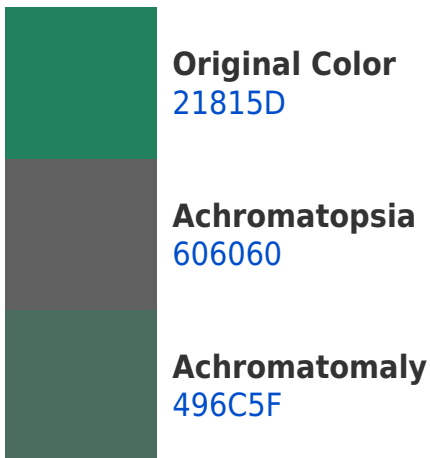


Tritanopia
347C86

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21815D 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 #21815D looks like.

```
.text, #text, p{  
    color:#21815D  
}
```

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 #21815D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21815D
}
```

Border

The CSS property to change the border of an element to Hex 21815D 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
#21815D }
```

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

```
.border{ border-color:#21815D }
```

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

Here you see how a box with a 4 pixel #21815D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21815D; -webkit-box-shadow:4px 4px  
4px 4px #21815D; box-shadow:4px 4px 4px  
4px #21815D }
```

Background

The CSS property to change the background color of an element to Hex 21815D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21815D }
```

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

```
.background{ background-color:#21815D }
```

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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