

Converting Colors

Hex(21645D)

Have a look what the booklet for
Hex(21645D) contains.

Hex(21645D)	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(21645D)

Conversions

Conversions Part 1

Format	Color
Hex	21645D
RGB	33, 100, 93
RGB Percent	13%, 39%, 36%
CMY	0.8706, 0.6078, 0.6353
CMYK	0.67, 0.00, 0.07, 0.61
HSL	174°, 50%, 26%
HSV	174°, 67%, 39%
XYZ	7.1602, 10.2280, 11.9527
YIQ	79.1690, -37.6850, -16.3810

Conversions

Conversions Part 2

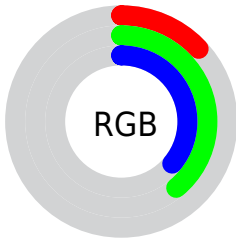
Format	Color
R_{YB}	33, 68, 100
Decimal	2188381
CIE _{Lab}	38.25, -22.66, -2.23
CIE _{LCh}	38, 22.770, 185.624
Yxy	10.2280, 0.2440, 0.3486
Android (android.graphics.Color)	4280378461 (0xFF21645D)
YUV	79.1690, 6.8187, -40.4902
Hunter-Lab	31.9812, -16.0035, 0.2277

Details

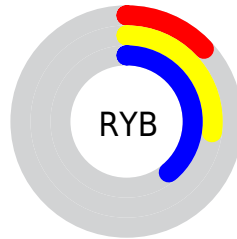
The Hex color **21645D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **642128**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **57978F**, and **00352F** is the 20% darker color. If you saturate the color by 10%, you get **17645C**, and if you desaturate by 10%, it is **2B645E**.

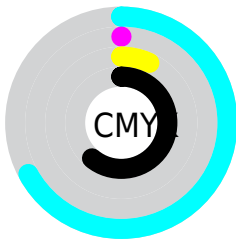
Distribution



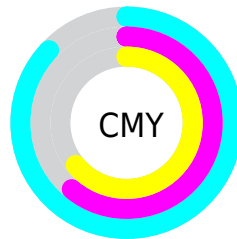
- Red (13%)
- Green (39%)
- Blue (36%)



- Red (13%)
- Yellow (27%)
- Blue (39%)



- Cyan (67%)
- Magenta (0%)
- Yellow (7%)
- Black (61%)




- Cyan (87%)
- Magenta (61%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21645D 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 21645D by changing the saturation by 10% instead.

 21645D

 21645D

FFFFFF

 004C45

 57978F

 00352F

 71B2AA

 00201A

 8CCEC5


 000000


 A8EAE1

 C4FFFD

 E0FFFF

 F0FFFF

 21645D

 21645D

■ 17645C

■ 2B645E

■ 0D645B

■ 35645F

■ 03645A

■ 3F6460

■ 00645A

■ 496461

■ 536462

■ 5D6463

■ 676464

■ 716465

■ 7B6466

Harmonies

Analogous

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



39634A



21645D



12636F

Triad

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



21645D



615478



735439

Complementary

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



21645D



642128

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.



7D4E45



21645D



744E6A

Square

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



21645D



465B7E



7E4C57



635A35

Rectangle

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



21645D



1D6178



7E4C57



77523C

Sweetspot

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



21645D



68827F



296421



324241



C2C2C2



424242

Same Dimension

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



21645D



1A8277



214A64



2E3332



007367



00F2D9

Inverse Universe

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



642128



821A25



643B21



332E2E



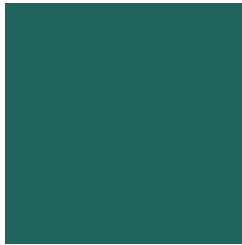
73000C



F20019

Previews

White Background



This preview shows how the Hex color 21645D looks on a white background.

Color Contrast Check

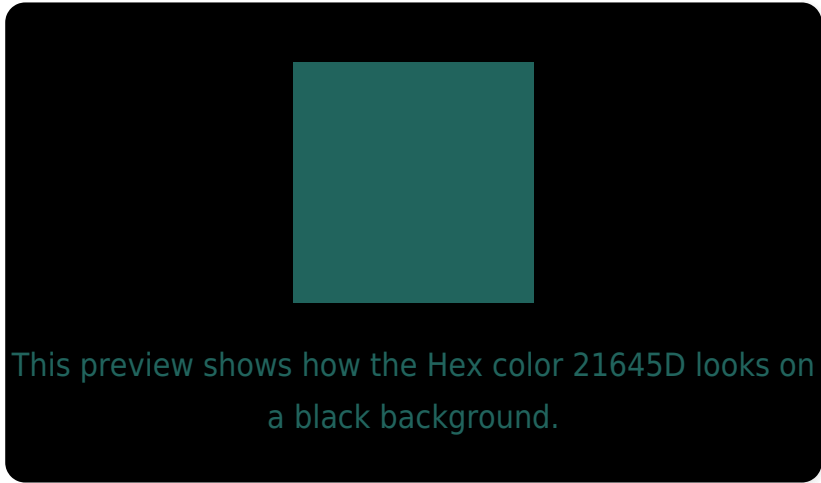
Large Text (above 18pt) WCAG AA ✓ Pass

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

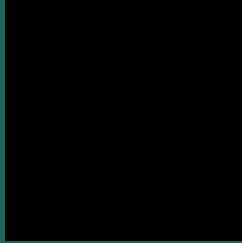
Any Text WCAG AA × Fail

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 21645D Background



This preview shows how black text looks on a background with the Hex color 21645D.

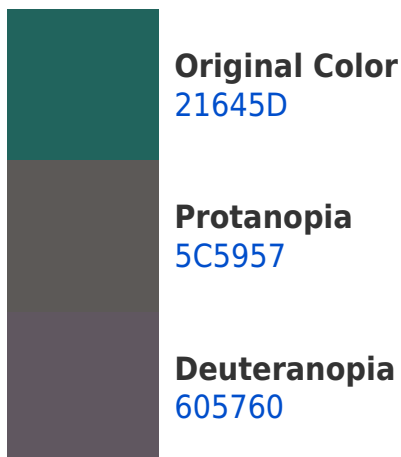



This preview shows how white text looks on a background with the Hex color 21645D.

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](#).

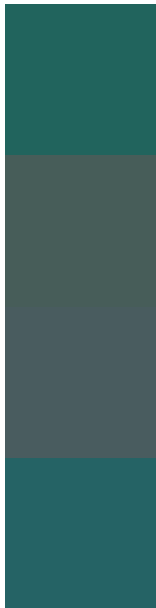
Dichromacy





Tritanopia
27626A

Trichromacy



Original Color
21645D

Protanomaly
475D59

Deuteranomaly
495C5F

Tritanomaly
256365

Monochromacy



Original Color
21645D

Achromatopsia
4F4F4F

Achromatomaly
3E5754

CSS Examples

Text

The CSS property to change the color of the text to Hex 21645D 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 #21645D looks like.

```
.text, #text, p{  
    color:#21645D  
}
```

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 #21645D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21645D
}
```

Border

The CSS property to change the border of an element to Hex 21645D 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".

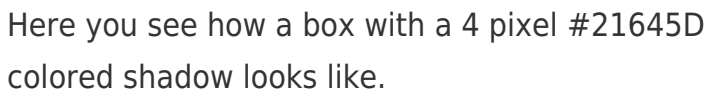
```
.border, #border, table{ border:4px solid
#21645D }
```

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

```
.border{ border-color:#21645D }
```

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

Here you see how a box with a 4 pixel #21645D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21645D; -webkit-box-shadow:4px 4px  
4px 4px #21645D; box-shadow:4px 4px 4px  
4px #21645D }
```

Background

The CSS property to change the background color of an element to Hex 21645D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21645D }
```

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

```
.background{ background-color:#21645D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor