

Converting Colors

Hex(21686D)

Have a look what the booklet for
Hex(21686D) contains.

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Color

Hex(21686D)

Conversions

Conversions Part 1

Format	Color
Hex	21686D
RGB	33, 104, 109
RGB Percent	13%, 41%, 43%
CMY	0.8706, 0.5922, 0.5725
CMYK	0.70, 0.05, 0.00, 0.57
HSL	184°, 54%, 28%
HSV	184°, 70%, 43%
XYZ	8.3378, 11.3281, 16.2151
YIQ	83.3410, -43.9210, -13.4970

Conversions

Conversions Part 2

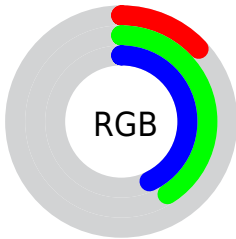
Format	Color
RYB	33, 70, 109
Decimal	2189421
CIELab	40.13, -19.76, -9.24
CIELCh	40, 21.818, 205.053
Yxy	11.3281, 0.2324, 0.3157
Android (android.graphics.Color)	4280379501 (0xFF21686D)
YUV	83.3410, 12.6499, -44.1491
Hunter-Lab	33.6572, -14.6807, -5.0042

Details

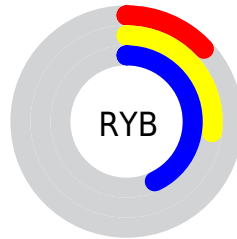
The Hex color **21686D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6D2621**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **599BA0**, and **00383E** is the 20% darker color. If you saturate the color by 10%, you get **16676D**, and if you desaturate by 10%, it is **2C696D**.

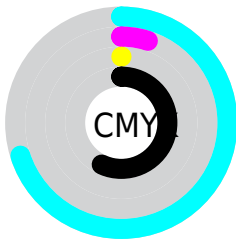
Distribution



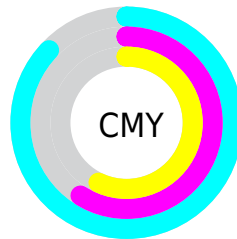
- Red (13%)
- Green (41%)
- Blue (43%)



- Red (13%)
- Yellow (27%)
- Blue (43%)



- Cyan (70%)
- Magenta (5%)
- Yellow (0%)
- Black (57%)



- Cyan (87%)
- Magenta (59%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21686D 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 21686D by changing the saturation by 10% instead.

■ 21686D

■ 21686D

FFFFFF

■ 005055

■ 599BA0

■ 00383E

■ 74B6BB

■ 002328

■ 8FD2D7

■ 000214

■ ABEEF4

■ 000000

■ C7FFFF

■ E4FFFF

■ 21686D

■ 21686D

■ 16676D

■ 2C696D

0B676D

37696D

00666D

426A6D

4D6B6D

576C6D

626C6D

6D6D6D

786E6D

836E6D

Harmonies

Analogous

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



31685B



21686D



28667B

Triad

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



21686D



725573



6D5C3B

Complementary

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



21686D



6D2621

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.



7B5642



21686D



7F5162

Square

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



21686D



5D5B7F



825250



5B623E

Rectangle

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



21686D



386381



825250



735A3C

Sweetspot

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



21686D



718D8F



216D25



364647



C7C7C7



474747

Same Dimension

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



21686D



17878F



21436D



303536



006E75



00E5F5

Inverse Universe

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



6D2168



8F1787



6D4B21



363035



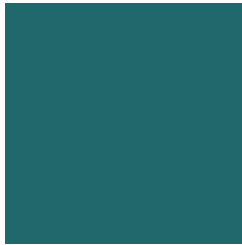
75006E



F500E5

Previews

White Background



This preview shows how the Hex color 21686D looks on a white background.

Color Contrast Check

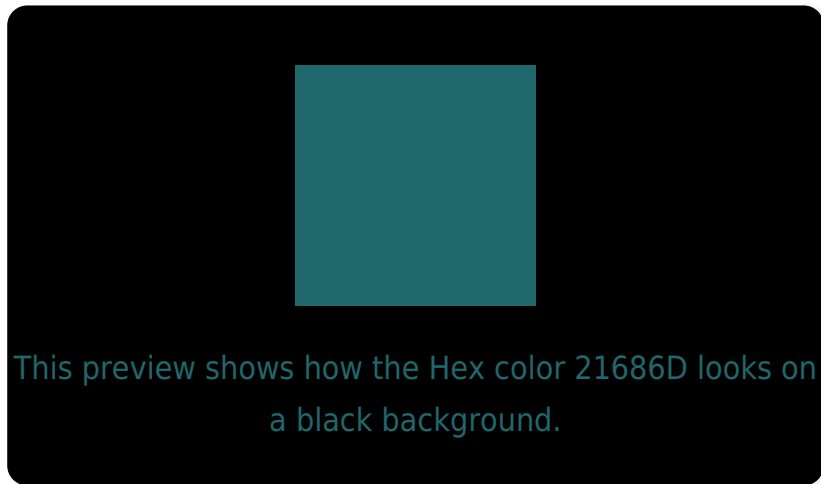
Large Text (above 18pt) WCAG AA ✓ Pass

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

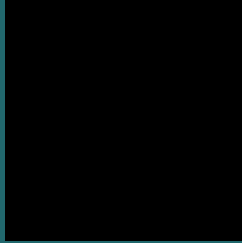
Any Text WCAG AA × Fail

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 21686D Background



This preview shows how black text looks on a background with the Hex color 21686D.

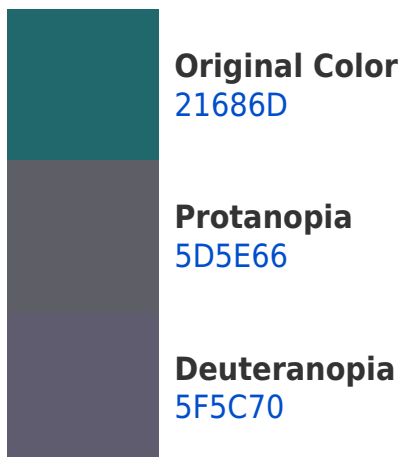


This preview shows how white text looks on a background with the Hex color 21686D.

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](#).

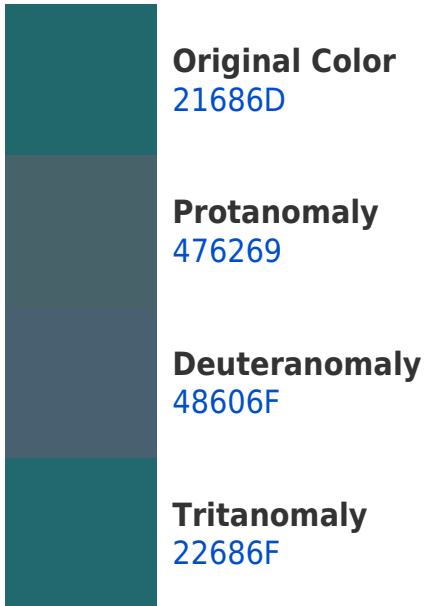
Dichromacy





Tritanopia
236870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21686D 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 #21686D looks like.

```
.text, #text, p{  
    color:#21686D  
}
```

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 #21686D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21686D
}
```

Border

The CSS property to change the border of an element to Hex 21686D 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
#21686D }
```

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

```
.border{ border-color:#21686D }
```

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

Here you see how a box with a 4 pixel #21686D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21686D; -webkit-box-shadow:4px 4px  
4px 4px #21686D; box-shadow:4px 4px 4px  
4px #21686D }
```

Background

The CSS property to change the background color of an element to Hex 21686D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21686D }
```

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

```
.background{ background-color:#21686D }
```

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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