

Converting Colors

Hex(21666C)

Have a look what the booklet for
Hex(21666C) contains.

Hex(21666C)	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(21666C)

Conversions

Conversions Part 1

Format	Color
Hex	21666C
RGB	33, 102, 108
RGB Percent	13%, 40%, 42%
CMY	0.8706, 0.6000, 0.5765
CMYK	0.69, 0.06, 0.00, 0.58
HSL	185°, 53%, 28%
HSV	185°, 69%, 42%
XYZ	8.0853, 10.9088, 15.8668
YIQ	82.0530, -43.0500, -12.7620

Conversions

Conversions Part 2

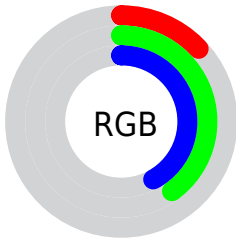
Format	Color
R_{YB}	33, 69, 108
Decimal	2188908
CIE _{Lab}	39.43, -19.01, -9.68
CIE _{LCh}	39, 21.332, 206.996
Yxy	10.9088, 0.2319, 0.3129
Android (android.graphics.Color)	4280378988 (0xFF21666C)
YUV	82.0530, 12.7919, -43.0195
Hunter-Lab	33.0284, -14.1031, -5.3629

Details

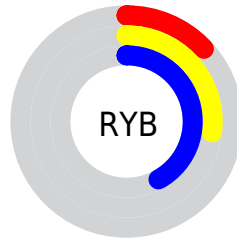
The Hex color **21666C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C2721**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **59999F**, and **00373D** is the 20% darker color. If you saturate the color by 10%, you get **16656C**, and if you desaturate by 10%, it is **2C676C**.

Distribution



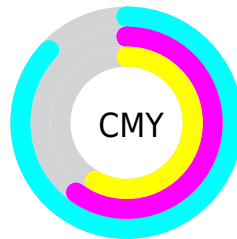
- Red (13%)
- Green (40%)
- Blue (42%)



- Red (13%)
- Yellow (27%)
- Blue (42%)



- Cyan (69%)
- Magenta (6%)
- Yellow (0%)
- Black (58%)



- Cyan (87%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21666C 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 21666C by changing the saturation by 10% instead.

■ 21666C

■ 21666C

FFFFFF

■ 004E54

■ 59999F

■ 00373D

■ 73B4BA

■ 002127

■ 8FD0D6

■ 000113

■ AAECF2

■ 000000

■ C7FFFF

■ E3FFFF

■ 21666C

■ 21666C

■ 16656C

■ 2C676C

0B646C

37686C

01636C

41696C

00636C

4C696C

576A6C

626B6C

6D6C6C

776D6C

826E6C

Harmonies

Analogous

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



30665A



21666C



296479

Triad

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



21666C



715370



6A5B3A

Complementary

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



21666C



6C2721

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.



785540



21666C



7D505F

Square

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



21666C



5D597C



7F514E



58613D

Rectangle

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



21666C



39617E



7F514E



70593B

Sweetspot

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



21666C



6F8A8C



216C26



364647



C7C7C7



474747

Same Dimension

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



21666C



18838C



21426C



303536



006C75



00E1F5

Inverse Universe

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



6C2166



8C1883



6C4C21



363035



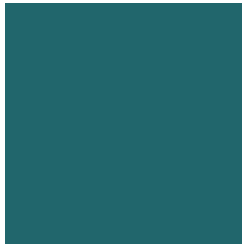
75006C



F500E1

Previews

White Background



This preview shows how the Hex color 21666C looks on a white background.

Color Contrast Check

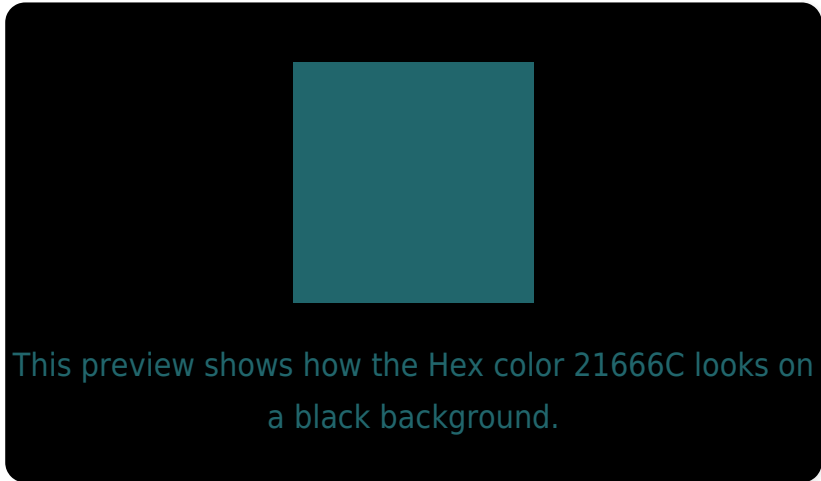
Large Text (above 18pt) WCAG AA ✓ Pass

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

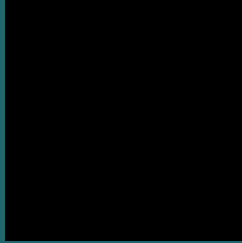
Any Text WCAG AA × Fail

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 21666C Background



This preview shows how black text looks on a background with the Hex color 21666C.



This preview shows how white text looks on a background with the Hex color 21666C.

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



Original Color
21666C

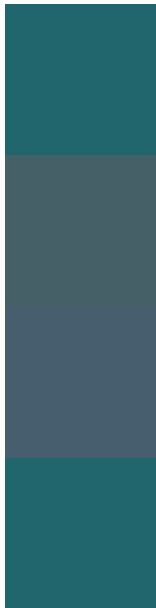
Protanopia
5B5C65

Deuteranopia
5D5A6F



Tritanopia
22666E

Trichromacy



Original Color
21666C

Protanomaly
466068

Deuteranomaly
475E6E

Tritanomaly
22666D

Monochromacy



Original Color
21666C

Achromatopsia
525252

Achromatomaly
40595B

CSS Examples

Text

The CSS property to change the color of the text to Hex 21666C 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 #21666C looks like.

```
.text, #text, p{  
    color:#21666C  
}
```

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 #21666C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21666C
}
```

Border

The CSS property to change the border of an element to Hex 21666C 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
#21666C }
```

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

```
.border{ border-color:#21666C }
```

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

Here you see how a box with a 4 pixel #21666C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21666C; -webkit-box-shadow:4px 4px  
4px 4px #21666C; box-shadow:4px 4px 4px  
4px #21666C }
```

Background

The CSS property to change the background color of an element to Hex 21666C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21666C }
```

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

```
.background{ background-color:#21666C }
```

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