

Converting Colors

Hex(21626F)

Have a look what the booklet for
Hex(21626F) contains.

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Color

Hex(21626F)

Conversions

Conversions Part 1

Format	Color
Hex	21626F
RGB	33, 98, 111
RGB Percent	13%, 38%, 44%
CMY	0.8706, 0.6157, 0.5647
CMYK	0.70, 0.12, 0.00, 0.56
HSL	190°, 54%, 28%
HSV	190°, 70%, 44%
XYZ	7.8641, 10.2064, 16.5945
YIQ	80.0470, -42.9130, -9.7370

Conversions

Conversions Part 2

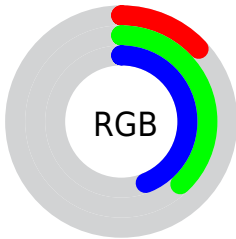
Format	Color
R_{YB}	33, 68, 111
Decimal	2187887
CIE _{Lab}	38.21, -15.79, -13.37
CIE _{LCh}	38, 20.687, 220.245
Yxy	10.2064, 0.2269, 0.2944
Android (android.graphics.Color)	4280377967 (0xFF21626F)
YUV	80.0470, 15.2598, -41.2602
Hunter-Lab	31.9474, -11.9688, -8.4338

Details

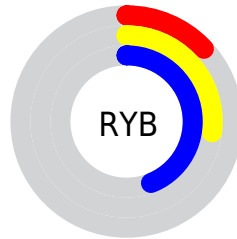
The Hex color **21626F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6F2E21**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **5995A3**, and **00333F** is the 20% darker color. If you saturate the color by 10%, you get **16606F**, and if you desaturate by 10%, it is **2C646F**.

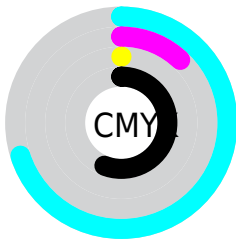
Distribution



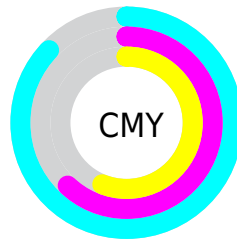
- Red (13%)
- Green (38%)
- Blue (44%)



- Red (13%)
- Yellow (27%)
- Blue (44%)



- Cyan (70%)
- Magenta (12%)
- Yellow (0%)
- Black (56%)



- Cyan (87%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21626F 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 21626F by changing the saturation by 10% instead.

■ 21626F

■ 21626F

FFFFFF

■ 004A57

■ 5995A3

■ 00333F

■ 73B0BE

■ 001F29

■ 8FCBDA

■ 000115

■ AAE7F6

■ 000000

■ C6FFFF

■ E3FFFF

■ 21626F

■ 21626F

■ 16606F

■ 2C646F

■ 0B5E6F

■ 37666F

■ 005C6F

■ 42686F

■ 4D696F

■ 596B6F

■ 646D6F

■ 6F6F6F

■ 7A716F

■ 85736F

Harmonies

Analogous

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



27635F



21626F



325F79

Triad

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



21626F



744F66



605B39

Complementary

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



21626F



6F2E21

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.



6F553B



21626F



7B4D55

Square

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



21626F



635474



795045



4D5F40

Rectangle

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



21626F



435B7B



795045



655938

Sweetspot

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



21626F



738C91



216F2E



37474A



C9C9C9



4A4A4A

Same Dimension

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



21626F



177D91



213B6F



323738



006478



00CEF7

Inverse Universe

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



6F2162



91177D



6F5521



383237



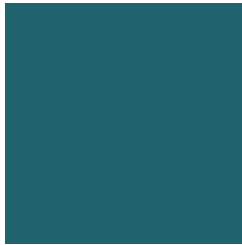
780064



F700CE

Previews

White Background



This preview shows how the Hex color 21626F looks on a white background.

Color Contrast Check

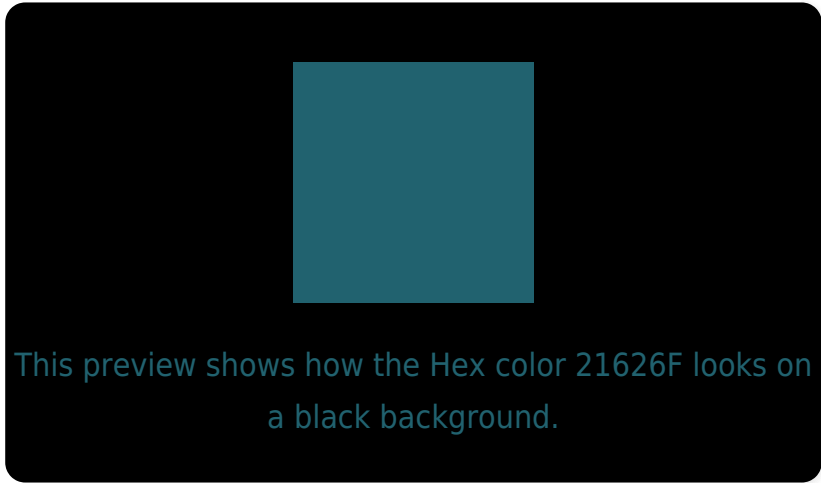
Large Text (above 18pt) WCAG AA ✓ Pass

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

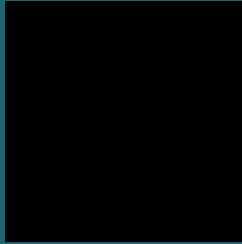
Any Text WCAG AA × Fail

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 21626F Background



This preview shows how black text looks on a background with the Hex color 21626F.

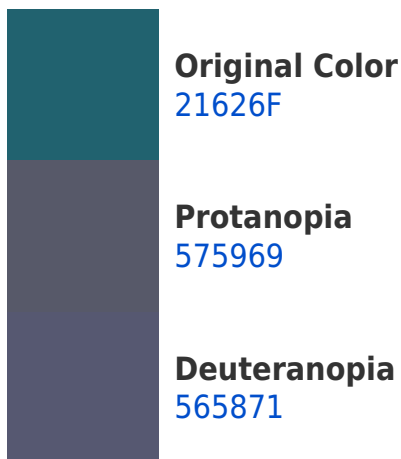


This preview shows how white text looks on a background with the Hex color 21626F.

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
1E636B

Trichromacy



Original Color
21626F

Protanomaly
435C6B

Deuteranomaly
435C70

Tritanomaly
1F636C

Monochromacy



Original Color
21626F

Achromatopsia
505050

Achromatomaly
3F575B

CSS Examples

Text

The CSS property to change the color of the text to Hex 21626F 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 #21626F looks like.

```
.text, #text, p{  
    color:#21626F  
}
```

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 #21626F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21626F
}
```

Border

The CSS property to change the border of an element to Hex 21626F is called "border". The border property can be set on classes, ids or directly on the HTML element.

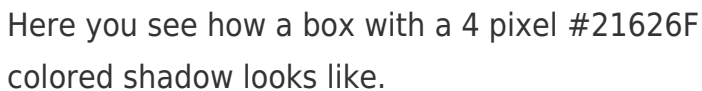
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#21626F }
```

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

```
.border{ border-color:#21626F }
```

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



Here you see how a box with a 4 pixel #21626F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21626F; -webkit-box-shadow:4px 4px  
4px 4px #21626F; box-shadow:4px 4px 4px  
4px #21626F }
```

Background

The CSS property to change the background color of an element to Hex 21626F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21626F }
```

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

```
.background{ background-color:#21626F }
```

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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