

Converting Colors

Hex(23626F)

Have a look what the booklet for
Hex(23626F) contains.

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Color

Hex(23626F)

Conversions

Conversions Part 1

Format	Color
Hex	23626F
RGB	35, 98, 111
RGB Percent	14%, 38%, 44%
CMY	0.8627, 0.6157, 0.5647
CMYK	0.68, 0.12, 0.00, 0.56
HSL	190°, 52%, 29%
HSV	190°, 68%, 44%
XYZ	7.9301, 10.2404, 16.5976
YIQ	80.6450, -41.7210, -9.3130

Conversions

Conversions Part 2

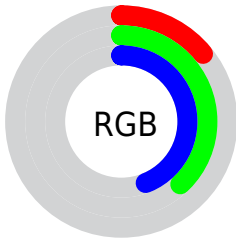
Format	Color
RYB	35, 69, 111
Decimal	2318959
CIELab	38.27, -15.44, -13.27
CIELCh	38, 20.359, 220.669
Yxy	10.2404, 0.2281, 0.2945
Android (android.graphics.Color)	4280509039 (0xFF23626F)
YUV	80.6450, 14.9650, -40.0307
Hunter-Lab	32.0006, -11.7670, -8.3512

Details

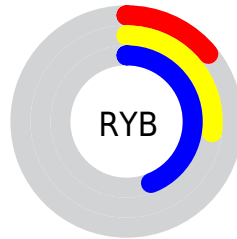
The Hex color **23626F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6F3023**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **5A95A3**, and **00333F** is the 20% darker color. If you saturate the color by 10%, you get **18606F**, and if you desaturate by 10%, it is **2E646F**.

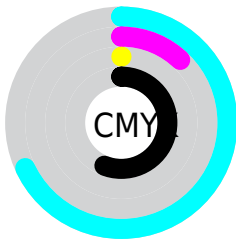
Distribution



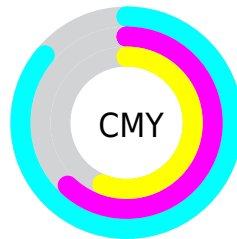
- Red (14%)
- Green (38%)
- Blue (44%)



- Red (14%)
- Yellow (27%)
- Blue (44%)



- Cyan (68%)
- Magenta (12%)
- Yellow (0%)
- Black (56%)



- Cyan (86%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23626F 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 23626F by changing the saturation by 10% instead.



23626F



23626F

FFFFFF



004A57



5A95A3



00333F



75B0BE



001F29



90CBD9



000115



ABE7F6



000000



C8FFFF



E4FFFF



23626F



23626F



18606F



2E646F

■ 0D5E6F

■ 39666F

■ 025C6F

■ 44686F

■ 005C6F

■ 4F6A6F

■ 5B6B6F

■ 666D6F

■ 716F6F

■ 7C716F

■ 87736F

Harmonies

Analogous

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



286360



23626F



345F79

Triad

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



23626F



744F65



605B39

Complementary

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



23626F



6F3023

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



23626F



7B4E55

Square

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



23626F



645473



795045



4D5F41

Rectangle

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



23626F



445C7B



795045



655939

Sweetspot

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



23626F



738C91



236F30



37474A



C9C9C9



4A4A4A

Same Dimension

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



23626F



1A7D91



233C6F



323738



006378



00CDF7

Inverse Universe

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



6F2362



911A7D



6F5623



383237



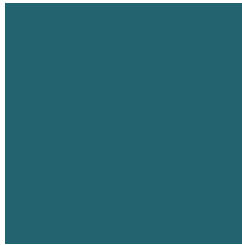
780063



F700CD

Previews

White Background



This preview shows how the Hex color 23626F looks on a white background.

Color Contrast Check

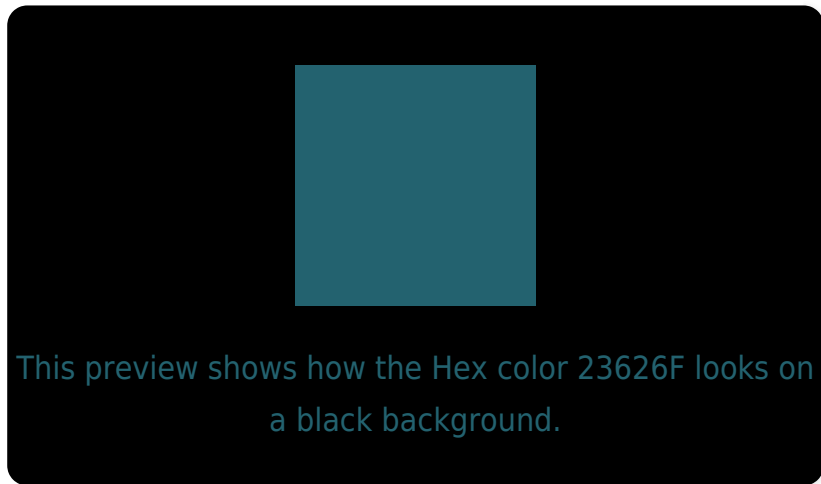
Large Text (above 18pt) WCAG AA ✓ Pass

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

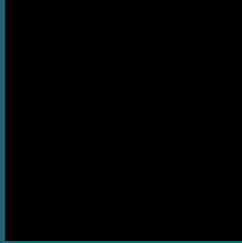
Any Text WCAG AA × Fail

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 23626F Background



This preview shows how black text looks on a background with the Hex color 23626F.

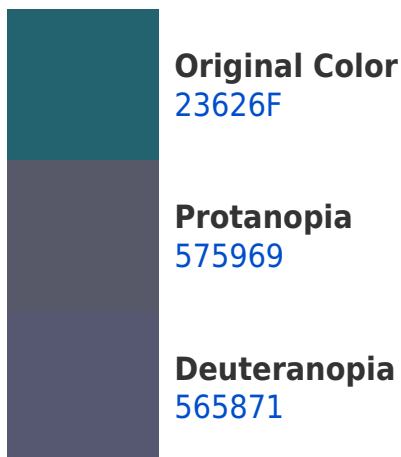


This preview shows how white text looks on a background with the Hex color 23626F.

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](#).

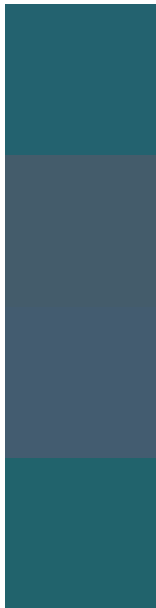
Dichromacy





Tritanopia
20636B

Trichromacy



Original Color
23626F

Protanomaly
445C6B

Deuteranomaly
435C70

Tritanomaly
21636C

Monochromacy



Original Color
23626F

Achromatopsia
515151

Achromatomaly
40575C

CSS Examples

Text

The CSS property to change the color of the text to Hex 23626F 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 #23626F looks like.

```
.text, #text, p{  
    color:#23626F  
}
```

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 #23626F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23626F
}
```

Border

The CSS property to change the border of an element to Hex 23626F 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
#23626F }
```

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

```
.border{ border-color:#23626F }
```

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

Here you see how a box with a 4 pixel #23626F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23626F; -webkit-box-shadow:4px 4px  
4px 4px #23626F; box-shadow:4px 4px 4px  
4px #23626F }
```

Background

The CSS property to change the background color of an element to Hex 23626F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23626F }
```

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

```
.background{ background-color:#23626F }
```

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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