

# Converting Colors

Hex(33726B)

Have a look what the booklet for  
Hex(33726B) contains.

<b>Hex(33726B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(33726B)

# Conversions

## Conversions Part 1

Format	Color
Hex	33726B
RGB	51, 114, 107
RGB Percent	20%, 45%, 42%
CMY	0.8000, 0.5529, 0.5804
CMYK	0.55, 0.00, 0.06, 0.55
HSL	173°, 38%, 32%
HSV	173°, 55%, 45%
XYZ	10.0364, 13.8000, 16.0446
YIQ	94.3650, -35.3010, -15.5330

# Conversions

## Conversions Part 2

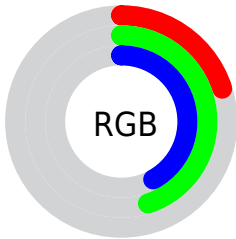
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 84, 114
Decimal	3371627
CIELab	43.94, -22.05, -2.28
CIELCh	44, 22.172, 185.915
Yxy	13.8000, 0.2517, 0.3460
Android (android.graphics.Color)	4281561707 (0xFF33726B)
YUV	94.3650, 6.2291, -38.0311
Hunter-Lab	37.1483, -16.7840, 0.3961

# Details

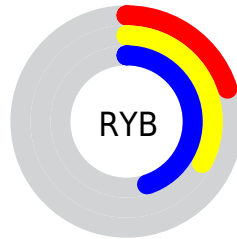
The Hex color **33726B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72333A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **67A69E**, and **00423C** is the 20% darker color. If you saturate the color by 10%, you get **28726A**, and if you desaturate by 10%, it is **3E726C**.

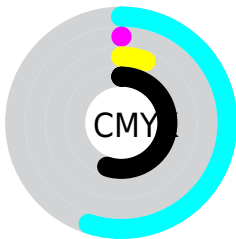
# Distribution



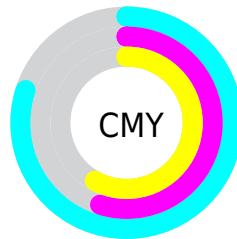
- Red (20%)
- Green (45%)
- Blue (42%)



- Red (20%)
- Yellow (33%)
- Blue (45%)



- Cyan (55%)
- Magenta (0%)
- Yellow (6%)
- Black (55%)



- Cyan (80%)
- Magenta (55%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 33726B 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 33726B by changing the saturation by 10% instead.





33726B



33726B

FFFFFF



165953



67A69E



00423C



82C1B9



002B26



9DDDD5



001711



B9FAF1



000000



D5FFFF



F2FFFF



33726B



33726B



28726A



3E726C

■ 1C7268

■ 4A726E

■ 117267

■ 55726F

■ 057266

■ 617270

■ 007265

■ 6C7271

■ 777273

■ 837274

■ 8E7275

■ 9A7276

# Harmonies

## Analogous

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



477158



33726B



2A717D

# Triad

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



33726B



6F6286



816247

# Complementary

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



33726B



72333A

# 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.



8B5C53



33726B



825C77

# Square

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



33726B



55688C



8C5A65



716843

# Rectangle

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



33726B



326F86



8C5A65



85604A



# Sweetspot

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



33726B



7B9491



3A7233



3B4A48



C9C9C9



4A4A4A



# Same Dimension

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



33726B



329489



335A72



323837



00786B



00F7DC



# Inverse Universe

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



72333A



94323D



724B33



383233



78000D

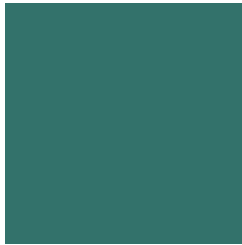


F7001B



# Previews

## White Background



This preview shows how the Hex color 33726B looks on a white background.

## Color Contrast Check

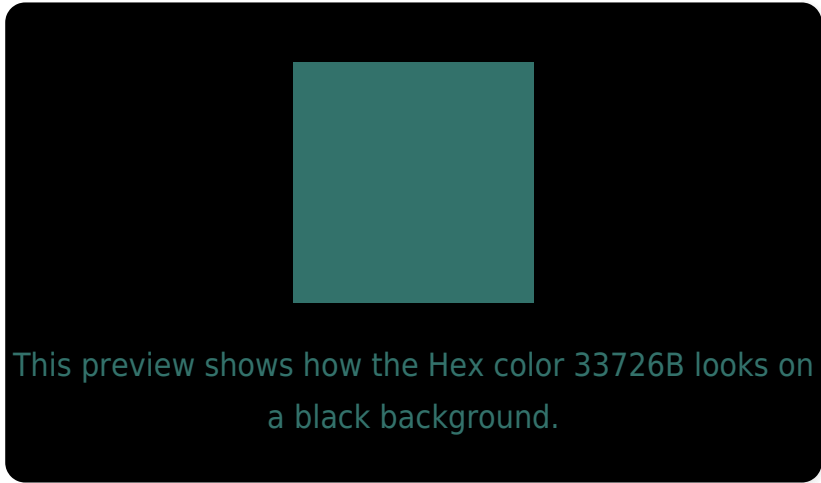
Large Text (above 18pt) WCAG AA ✓ Pass

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

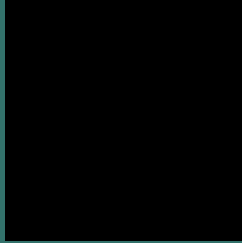
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 33726B Background



This preview shows how black text looks on a background with the Hex color 33726B.

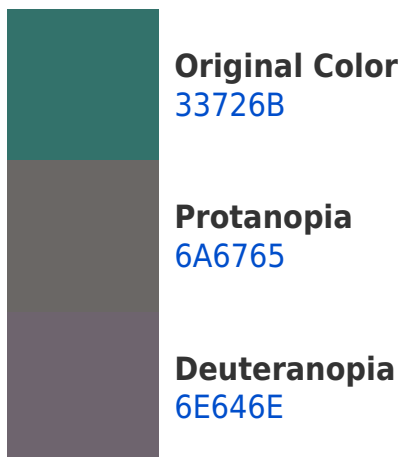


This preview shows how white text looks on a background with the Hex color 33726B.

# 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](#).

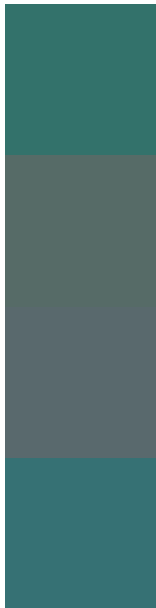
## Dichromacy





**Tritanopia**  
387079

# Trichromacy



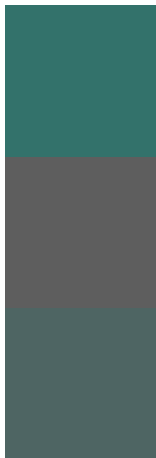
**Original Color**  
33726B

**Protanomaly**  
566B67

**Deuteranomaly**  
59696D

**Tritanomaly**  
367174

# Monochromacy



**Original Color**  
33726B

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
4E6563

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 33726B 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 #33726B looks like.

```
.text, #text, p{  
  color:#33726B  
}
```

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 #33726B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33726B
}
```

## Border

The CSS property to change the border of an element to Hex 33726B 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
#33726B }
```

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

```
.border{ border-color:#33726B }
```

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

Here you see how a box with a 4 pixel #33726B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33726B; -webkit-box-shadow:4px 4px  
4px 4px #33726B; box-shadow:4px 4px 4px  
4px #33726B }
```

# Background

The CSS property to change the background color of an element to Hex 33726B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33726B }
```

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

```
.background{ background-color:#33726B }
```

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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