

# Converting Colors

Hex(246469)

Have a look what the booklet for  
Hex(246469) contains.

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# Color

**Hex(246469)**

# Conversions

## Conversions Part 1

Format	Color
Hex	246469
RGB	36, 100, 105
RGB Percent	14%, 39%, 41%
CMY	0.8588, 0.6078, 0.5882
CMYK	0.66, 0.05, 0.00, 0.59
HSL	184°, 49%, 28%
HSV	184°, 66%, 41%
XYZ	7.8345, 10.5093, 14.9802
YIQ	81.4340, -39.7490, -12.0130

# Conversions

## Conversions Part 2

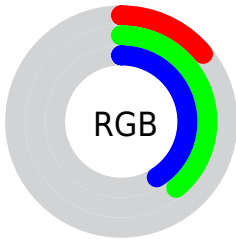
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 69, 105
Decimal	2385001
CIE <sub>Lab</sub>	38.74, -18.35, -8.87
CIE <sub>LCh</sub>	39, 20.383, 205.785
Yxy	10.5093, 0.2351, 0.3154
Android (android.graphics.Color)	4280575081 (0xFF246469)
YUV	81.4340, 11.6180, -39.8456
Hunter-Lab	32.4181, -13.5933, -4.7048

# Details

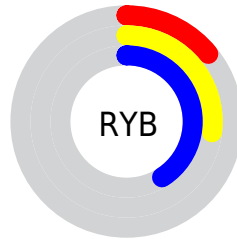
The Hex color **246469** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **692924**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **5A979C**, and **00353A** is the 20% darker color. If you saturate the color by 10%, you get **1A6369**, and if you desaturate by 10%, it is **2F6569**.

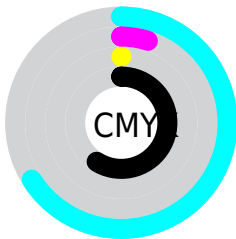
# Distribution



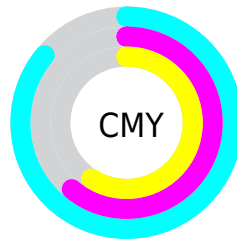
- Red (14%)
- Green (39%)
- Blue (41%)



- Red (14%)
- Yellow (27%)
- Blue (41%)



- Cyan (66%)
- Magenta (5%)
- Yellow (0%)
- Black (59%)



- Cyan (86%)
- Magenta (61%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 246469 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 246469 by changing the saturation by 10% instead.



■ 246469

■ 246469

FFFFFF

■ 004C51

■ 5A979C

■ 00353A

■ 75B2B7

■ 002024

■ 90CDD3

■ 00010F

■ ABEAEF

■ 000000

■ C7FFFF

■ E4FFFF

■ 246469

■ 246469

■ 1A6369

■ 2F6569

0F6269

396669

056269

446669

006169

4E6769

596869

636969

6E6969

786A69

836B69

# Harmonies

## Analogous

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



316458



246469



2B6276

# Triad

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



246469



6E526E



69593A

# Complementary

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



246469



692924

# 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.



765440



246469



7A4F5E

# Square

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



246469



5A5879



7C504E



585F3D

# Rectangle

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



246469



395F7B



7C504E



6E573B



# Sweetspot

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



246469



6E888A



246929



344445



C4C4C4



454545



# Same Dimension

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



246469



1D828A



244269



303536



006D75



00E3F5



# Inverse Universe

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



692464



8A1D82



694B24



363035



75006D

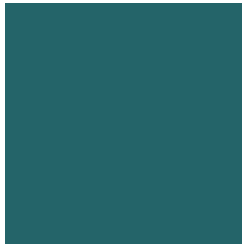


F500E3



# Previews

## White Background



This preview shows how the Hex color 246469 looks on a white background.

## Color Contrast Check

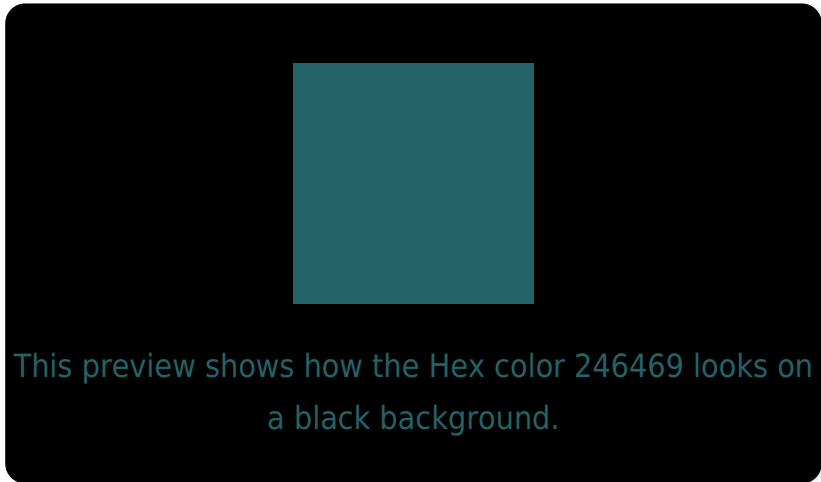
Large Text (above 18pt) WCAG AA ✓ Pass

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

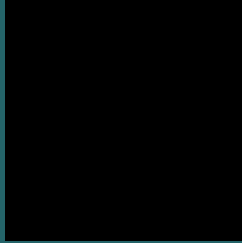
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 246469 Background



This preview shows how black text looks on a background with the Hex color 246469.



This preview shows how white text looks on a background with the Hex color 246469.

# 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**  
246469

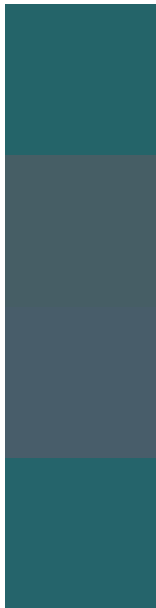
**Protanopia**  
5A5A63

**Deuteranopia**  
5C596B



**Tritanopia**  
25646C

# Trichromacy



**Original Color**  
246469

**Protanomaly**  
465E65

**Deuteranomaly**  
485D6A

**Tritanomaly**  
25646B

# Monochromacy



**Original Color**  
246469

**Achromatopsia**  
515151

**Achromatomaly**  
41585A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 246469 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 #246469 looks like.

```
.text, #text, p{  
    color:#246469  
}
```

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 #246469 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #246469
}
```

## Border

The CSS property to change the border of an element to Hex 246469 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
#246469 }
```

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

```
.border{ border-color:#246469 }
```

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

Here you see how a box with a 4 pixel #246469 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #246469; -webkit-box-shadow:4px 4px  
4px 4px #246469; box-shadow:4px 4px 4px  
4px #246469 }
```

# Background

The CSS property to change the background color of an element to Hex 246469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#246469 }
```

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

```
.background{ background-color:#246469 }
```

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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