

# Converting Colors

Hex(24596C)

Have a look what the booklet for  
Hex(24596C) contains.

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# Color

Hex(24596C)

# Conversions

## Conversions Part 1

Format	Color
Hex	24596C
RGB	36, 89, 108
RGB Percent	14%, 35%, 42%
CMY	0.8588, 0.6510, 0.5765
CMYK	0.67, 0.18, 0.00, 0.58
HSL	196°, 50%, 28%
HSV	196°, 67%, 42%
XYZ	7.0067, 8.6025, 15.4785
YIQ	75.3190, -37.6870, -5.3270

# Conversions

## Conversions Part 2

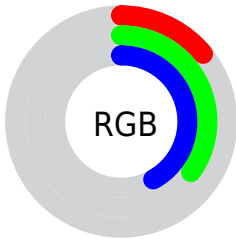
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 67, 108
Decimal	2382188
CIE <sub>Lab</sub>	35.21, -11.07, -16.09
CIE <sub>LCh</sub>	35, 19.533, 235.471
Yxy	8.6025, 0.2254, 0.2767
Android (android.graphics.Color)	4280572268 (0xFF24596C)
YUV	75.3190, 16.1117, -34.4828
Hunter-Lab	29.3301, -8.6855, -10.7584

# Details

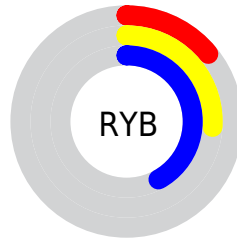
The Hex color **24596C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6C3724**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **598B9F**, and **002B3D** is the 20% darker color. If you saturate the color by 10%, you get **19566C**, and if you desaturate by 10%, it is **2F5C6C**.

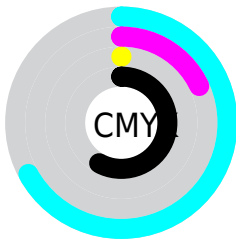
# Distribution



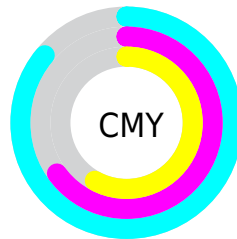
- Red (14%)
- Green (35%)
- Blue (42%)



- Red (14%)
- Yellow (26%)
- Blue (42%)



- Cyan (67%)
- Magenta (18%)
- Yellow (0%)
- Black (58%)



- Cyan (86%)
- Magenta (65%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 24596C 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 24596C by changing the saturation by 10% instead.



 24596C

 24596C

FFFFFF

 004254

 598B9F

 002B3D

 74A5BA

 001827

 8FC1D6

 000111

 AADCF3

 000000

 C6F9FF

 E3FFFF

 24596C

 24596C

 19566C

 2F5C6C

■ 0E536C

■ 3A5F6C

■ 04506C

■ 44626C

■ 004F6C

■ 4F646C

■ 5A676C

■ 656A6C

■ 706D6C

■ 7A706C

■ 85736C

# Harmonies

## Analogous

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



1E5B60



24596C



3A5572

# Triad

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



24596C



6F4756



505636

# Complementary

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



24596C



6C3724

# 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.



605134



24596C



724846

# Square

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



24596C



644A65



6C4C3A



3E5941

# Rectangle

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



24596C



4A5271



6C4C3A



555434



# Sweetspot

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



24596C



70858C



246C36



364347



C7C7C7



474747



# Same Dimension

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



24596C



1C6F8C



24366C



303436



005675



00B4F5



# Inverse Universe

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



6C2459



8C1C6F



6C5A24



363034



750056

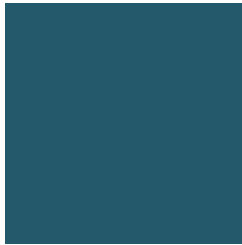


F500B4



# Previews

## White Background



This preview shows how the Hex color 24596C looks on a white background.

## Color Contrast Check

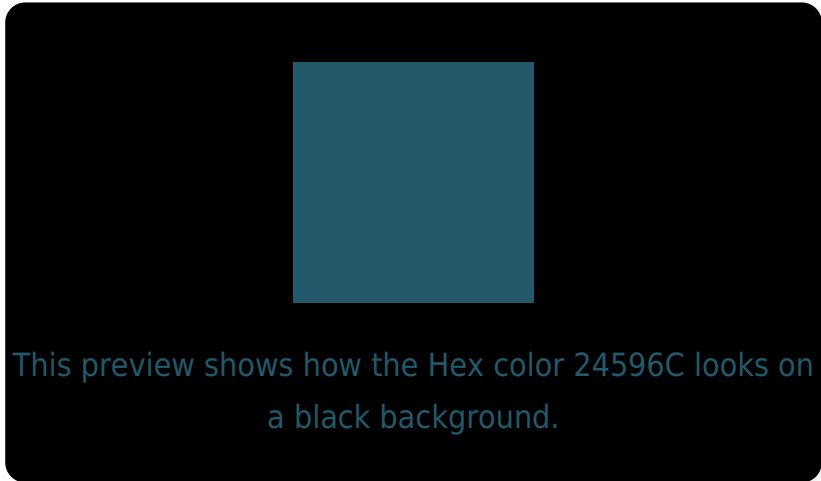
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

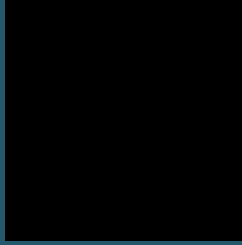
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

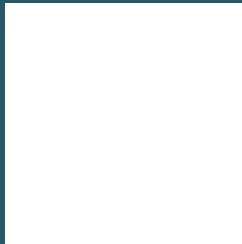
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 24596C Background



This preview shows how black text looks on a background with the Hex color 24596C.

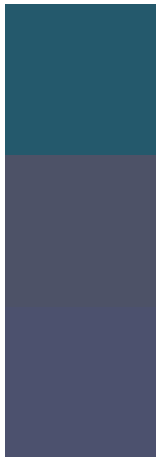


This preview shows how white text looks on a background with the Hex color 24596C.

# 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**  
24596C

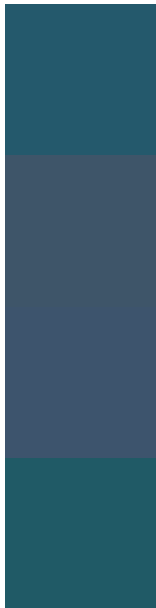
**Protanopia**  
4D5267

**Deuteranopia**  
4C516E



**Tritanopia**  
1E5B62

# Trichromacy



**Original Color**  
24596C

**Protanomaly**  
3E5569

**Deuteranomaly**  
3D546D

**Tritanomaly**  
205A66

# Monochromacy



**Original Color**  
24596C

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
3D5057

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 24596C 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 #24596C looks like.

```
.text, #text, p{  
  color:#24596C  
}
```

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 #24596C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24596C
}
```

## Border

The CSS property to change the border of an element to Hex 24596C 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
#24596C }
```

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

```
.border{ border-color:#24596C }
```

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

Here you see how a box with a 4 pixel #24596C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24596C; -webkit-box-shadow:4px 4px  
4px 4px #24596C; box-shadow:4px 4px 4px  
4px #24596C }
```

# Background

The CSS property to change the background color of an element to Hex 24596C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24596C }
```

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

```
.background{ background-color:#24596C }
```

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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