

Converting Colors

Hex(24597F)

Have a look what the booklet for
Hex(24597F) contains.

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Color

Hex(24597F)

Conversions

Conversions Part 1

Format	Color
Hex	24597F
RGB	36, 89, 127
RGB Percent	14%, 35%, 50%
CMY	0.8588, 0.6510, 0.5020
CMYK	0.72, 0.30, 0.00, 0.50
HSL	205°, 56%, 32%
HSV	205°, 72%, 50%
XYZ	8.1307, 9.0521, 21.3974
YIQ	77.4850, -43.7860, 0.5820

Conversions

Conversions Part 2

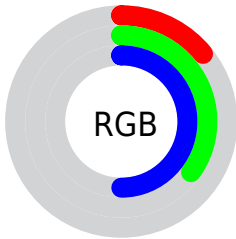
Format	Color
R_{YB}	36, 69, 127
Decimal	2382207
CIE _{Lab}	36.08, -4.19, -26.48
CIE _{LCh}	36, 26.807, 261.002
Yxy	9.0521, 0.2107, 0.2346
Android (android.graphics.Color)	4280572287 (0xFF24597F)
YUV	77.4850, 24.4109, -36.3823
Hunter-Lab	30.0868, -4.4137, -21.1057

Details

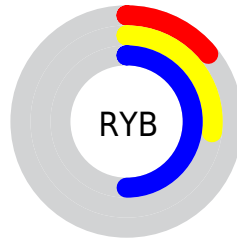
The Hex color **24597F** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7F4A24**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **5C8BB4**, and **002C4E** is the 20% darker color. If you saturate the color by 10%, you get **17547F**, and if you desaturate by 10%, it is **315E7F**.

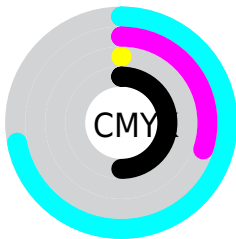
Distribution



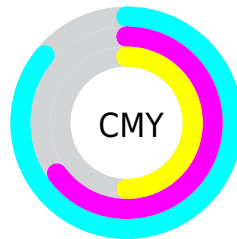
- Red (14%)
- Green (35%)
- Blue (50%)



- Red (14%)
- Yellow (27%)
- Blue (50%)



- Cyan (72%)
- Magenta (30%)
- Yellow (0%)
- Black (50%)



- Cyan (86%)
- Magenta (65%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24597F 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 24597F by changing the saturation by 10% instead.

■ 24597F

■ 24597F

FFFFFF

■ 004266

■ 5C8BB4

■ 002C4E

■ 78A5D0

■ 001837

■ 93C0EC

■ 000221

■ AFDCFF

■ 000006

■ CBF8FF

■ 000000

■ E8FFFF

■ 24597F

■ 24597F

■ 17547F

■ 315E7F

■ 0B4E7F

■ 3D647F

■ 004A7F

■ 4A697F

■ 576E7F

■ 64747F

■ 70797F

■ 7D7E7F

■ 8A837F

■ 96897F

Harmonies

Analogous

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



005E76



24597F



4D527D

Triad

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



24597F



7E4447



3A5D39

Complementary

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



24597F



7F4A24

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.



53582C



24597F



774A34

Square

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



24597F



7A445C



68512A



19604D

Rectangle

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



24597F



614C75



68512A



435C34

Sweetspot

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



24597F



8397A6



247F4A



3F4B54



D4D4D4



545454

Same Dimension

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



24597F



176AA6



242C7F



393D40



004A80



000000

Inverse Universe

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



7F2459



A6176A



7F7724



40393D



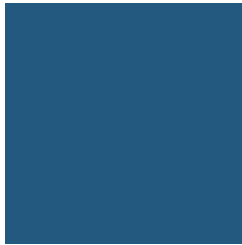
80004A



000000

Previews

White Background



This preview shows how the Hex color 24597F looks on a white background.

Color Contrast Check

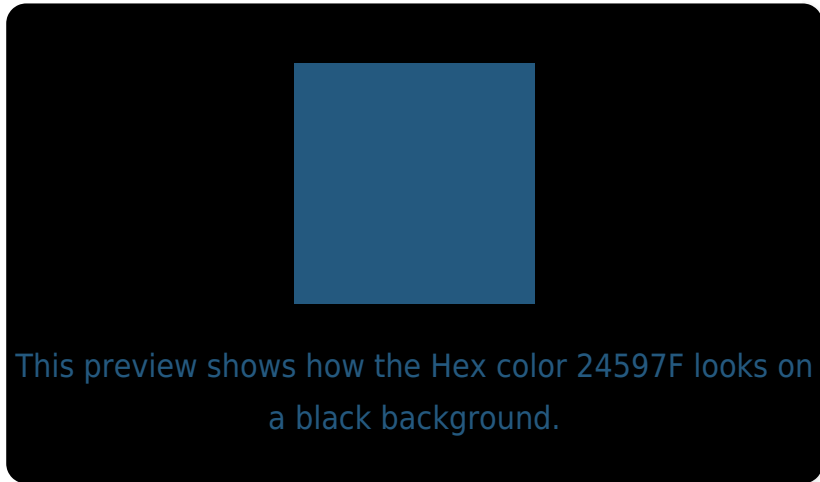
Large Text (above 18pt) WCAG AA ✓ Pass

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

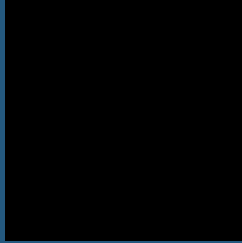
Any Text WCAG AA × Fail

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 24597F Background



This preview shows how black text looks on a background with the Hex color 24597F.



This preview shows how white text looks on a background with the Hex color 24597F.

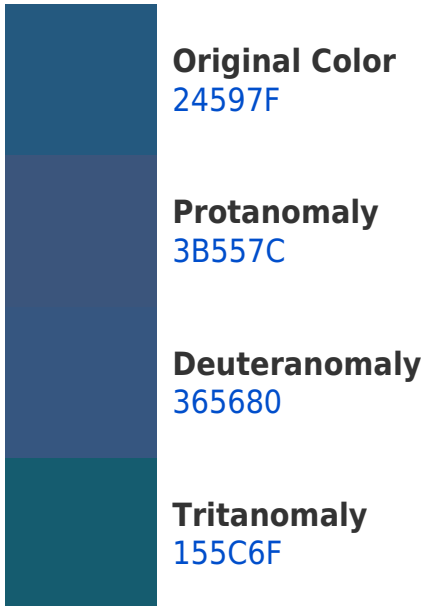
Color Blindness Simulation

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](#).

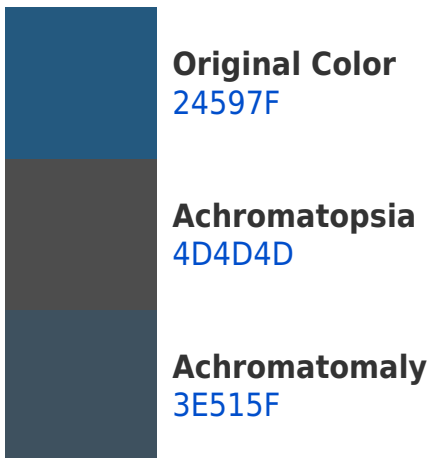
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 24597F 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 #24597F looks like.

```
.text, #text, p{  
  color:#24597F  
}
```

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 #24597F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24597F
}
```

Border

The CSS property to change the border of an element to Hex 24597F is called "border". The border property can be set on classes, ids or directly on the HTML element.

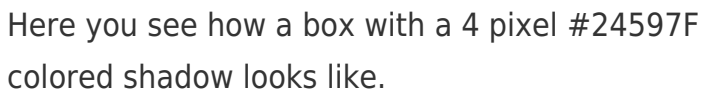
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#24597F }
```

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

```
.border{ border-color:#24597F }
```

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



Here you see how a box with a 4 pixel #24597F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24597F; -webkit-box-shadow:4px 4px  
4px 4px #24597F; box-shadow:4px 4px 4px  
4px #24597F }
```

Background

The CSS property to change the background color of an element to Hex 24597F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24597F }
```

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

```
.background{ background-color:#24597F }
```

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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