

Converting Colors

Hex(20597C)

Have a look what the booklet for
Hex(20597C) contains.

Hex(20597C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(20597C)

Conversions

Conversions Part 1

Format	Color
Hex	20597C
RGB	32, 89, 124
RGB Percent	13%, 35%, 49%
CMY	0.8745, 0.6510, 0.5137
CMYK	0.74, 0.28, 0.00, 0.51
HSL	203°, 59%, 31%
HSV	203°, 74%, 49%
XYZ	7.8061, 8.9071, 20.3766
YIQ	75.9470, -45.2070, -1.1990

Conversions

Conversions Part 2

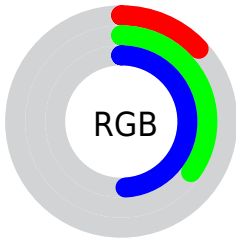
Format	Color
R_{YB}	32, 67, 124
Decimal	2120060
CIE _{Lab}	35.80, -5.96, -25.08
CIE _{LCh}	36, 25.778, 256.636
Yxy	8.9071, 0.2105, 0.2401
Android (android.graphics.Color)	4280310140 (0xFF20597C)
YUV	75.9470, 23.6901, -38.5415
Hunter-Lab	29.8447, -5.5401, -19.5892

Details

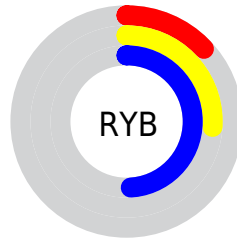
The Hex color **20597C** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **7C4320**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **598BB1**, and **002C4B** is the 20% darker color. If you saturate the color by 10%, you get **14547C**, and if you desaturate by 10%, it is **2C5E7C**.

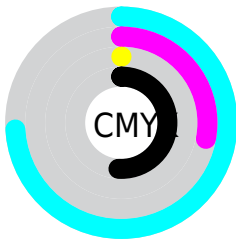
Distribution



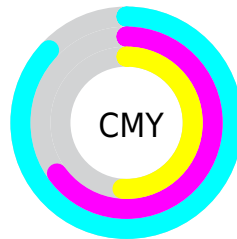
- Red (13%)
- Green (35%)
- Blue (49%)



- Red (13%)
- Yellow (26%)
- Blue (49%)



- Cyan (74%)
- Magenta (28%)
- Yellow (0%)
- Black (51%)



- Cyan (87%)
- Magenta (65%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20597C 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 20597C by changing the saturation by 10% instead.

■ 20597C

■ 20597C

FFFFFF

■ 004263

■ 598BB1

■ 002C4B

■ 74A5CC

■ 001834

■ 90C0E8

■ 00021F

■ ACDCFF

■ 000001

■ C8F9FF

■ 000000

■ E5FFFF

■ 20597C

■ 20597C

■ 14547C

■ 2C5E7C

■ 07507C

■ 39627C

■ 004D7C

■ 45677C

■ 526C7C

■ 5E717C

■ 6A757C

■ 777A7C

■ 837F7C

■ 90837C

Harmonies

Analogous

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



005D72



20597C



48527C

Triad

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



20597C



7C4449



3F5C37

Complementary

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



20597C



7C4320

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.



56572C



20597C



774937

Square

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



20597C



76455E



69502C



225E4A

Rectangle

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



20597C



5C4D75



69502C



475A32

Sweetspot

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



20597C



7D93A1



207C42



3C4A52



D1D1D1



525252

Same Dimension

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



20597C



126AA1



202C7C



373B3D



004D7D



009CFC

Inverse Universe

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



7C2059



A1126A



7C7020



3D373B



7D004D



FC009C

Previews

White Background



This preview shows how the Hex color 20597C looks on a white background.

Color Contrast Check

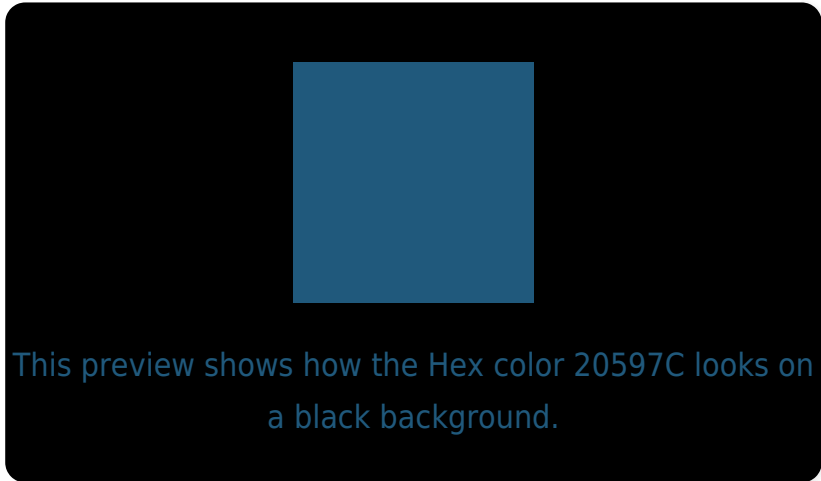
Large Text (above 18pt) WCAG AA ✓ Pass

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

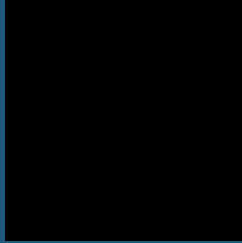
Any Text WCAG AA × Fail

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 20597C Background



This preview shows how black text looks on a background with the Hex color 20597C.

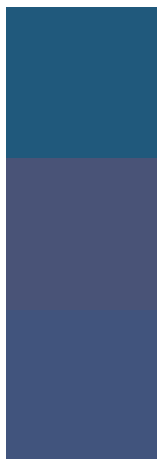


This preview shows how white text looks on a background with the Hex color 20597C.

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
20597C

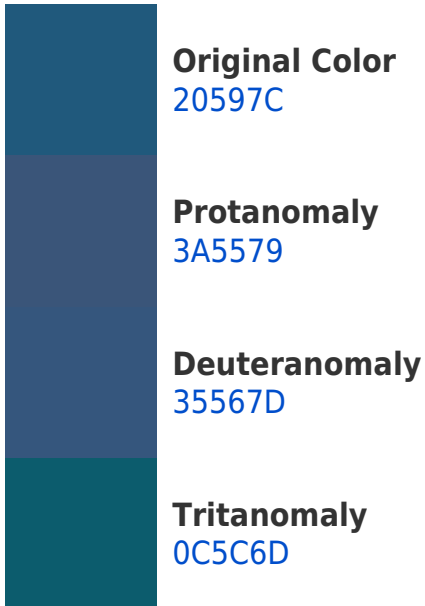
Protanopia
495377

Deuteranopia
41547D

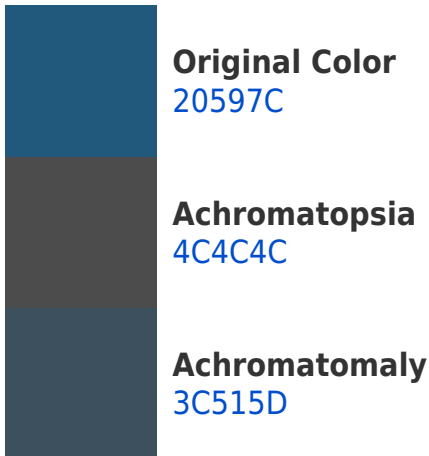


Tritanopia
005D65

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 20597C 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 #20597C looks like.

```
.text, #text, p{  
    color:#20597C  
}
```

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 #20597C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20597C
}
```

Border

The CSS property to change the border of an element to Hex 20597C 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
#20597C }
```

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

```
.border{ border-color:#20597C }
```

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

Here you see how a box with a 4 pixel #20597C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20597C; -webkit-box-shadow:4px 4px  
4px 4px #20597C; box-shadow:4px 4px 4px  
4px #20597C }
```

Background

The CSS property to change the background color of an element to Hex 20597C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20597C }
```

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

```
.background{ background-color:#20597C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor