

Converting Colors

Hex(21457F)

Have a look what the booklet for
Hex(21457F) contains.

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Color

Hex(21457F)

Conversions

Conversions Part 1

Format	Color
Hex	21457F
RGB	33, 69, 127
RGB Percent	13%, 27%, 50%
CMY	0.8706, 0.7294, 0.5020
CMYK	0.74, 0.46, 0.00, 0.50
HSL	217°, 59%, 31%
HSV	217°, 74%, 50%
XYZ	6.5861, 6.1119, 20.9113
YIQ	64.8480, -40.0740, 10.4060

Conversions

Conversions Part 2

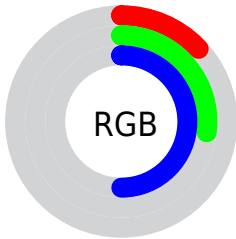
Format	Color
R _Y B	33, 59, 127
Decimal	2180479
CIE Lab	29.69, 8.42, -36.61
CIE LCh	30, 37.564, 282.946
Yxy	6.1119, 0.1960, 0.1819
Android (android.graphics.Color)	4280370559 (0xFF21457F)
YUV	64.8480, 30.6409, -27.9307
Hunter-Lab	24.7222, 4.2891, -32.8448

Details

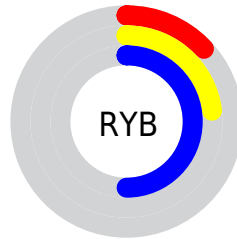
The Hex color **21457F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7F5B21**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5A75B4**, and **001B4D** is the 20% darker color. If you saturate the color by 10%, you get **143D7F**, and if you desaturate by 10%, it is **2E4D7F**.

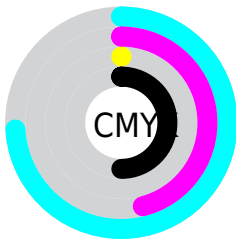
Distribution



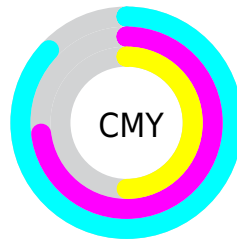
- Red (13%)
- Green (27%)
- Blue (50%)



- Red (13%)
- Yellow (23%)
- Blue (50%)



- Cyan (74%)
- Magenta (46%)
- Yellow (0%)
- Black (50%)



- Cyan (87%)
- Magenta (73%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 21457F 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 21457F by changing the saturation by 10% instead.

■ 21457F

■ 21457F

FFFFFF

■ 002F66

■ 5A75B4

■ 001B4D

■ 768ED0

■ 000036

■ 91A9EC

■ 000220

■ ADC4FF

■ 000004

■ CAE0FF

■ 000000

■ E6FCFF

■ 21457F

■ 21457F

■ 143D7F

■ 2E4D7F

■ 08357F

■ 3A557F

■ 00317F

■ 475D7F

■ 54647F

■ 616C7F

■ 6D747F

■ 7A7C7F

■ 87847F

■ 938C7F

Harmonies

Analogous

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



004E7E



21457F



573871

Triad

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



21457F



74321F



005334

Complementary

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



21457F



7F5B21

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.



284F18



21457F



623E09

Square

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



21457F



7B2A3B



494804



005452

Rectangle

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



21457F



6B3061



494804



00522A

Sweetspot

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



21457F



818FA6



217F5B



3E4754



D4D4D4



545454

Same Dimension

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



21457F



124BA6



2C217F



393C40



003180



000000

Inverse Universe

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



7F2145



A6124B



747F21



40393C



800031



000000

Previews

White Background



This preview shows how the Hex color 21457F looks on a white background.

Color Contrast Check

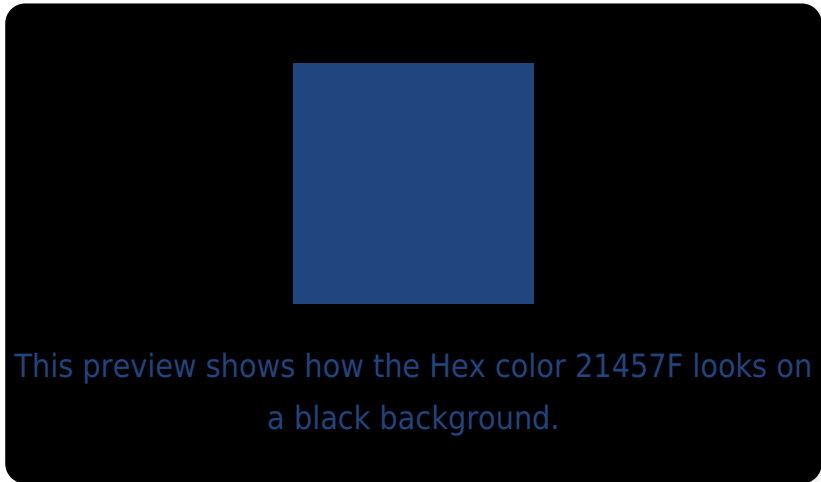
Large Text (above 18pt) WCAG AA ✓ Pass

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 21457F Background



This preview shows how black text looks on a background with the Hex color 21457F.



This preview shows how white text looks on a background with the Hex color 21457F.

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
21457F

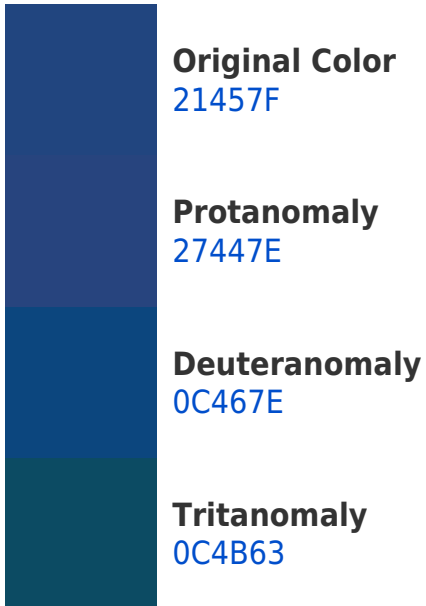
Protanopia
2A447E

Deuteranopia
00477E



Tritanopia
004E53

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 21457F 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 #21457F looks like.

```
.text, #text, p{  
    color:#21457F  
}
```

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 #21457F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #21457F
}
```

Border

The CSS property to change the border of an element to Hex 21457F is called "border". The border property can be set on classes, ids or directly on the HTML element.

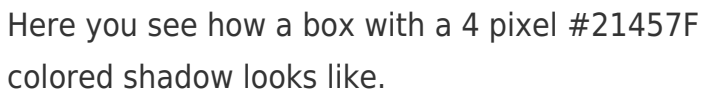
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#21457F }
```

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

```
.border{ border-color:#21457F }
```

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



Here you see how a box with a 4 pixel #21457F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #21457F; -webkit-box-shadow:4px 4px  
4px 4px #21457F; box-shadow:4px 4px 4px  
4px #21457F }
```

Background

The CSS property to change the background color of an element to Hex 21457F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#21457F }
```

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

```
.background{ background-color:#21457F }
```

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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