

Converting Colors

Hex(28457F)

Have a look what the booklet for
Hex(28457F) contains.

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Color

Hex(28457F)

Conversions

Conversions Part 1

Format	Color
Hex	28457F
RGB	40, 69, 127
RGB Percent	16%, 27%, 50%
CMY	0.8431, 0.7294, 0.5020
CMYK	0.69, 0.46, 0.00, 0.50
HSL	220°, 52%, 33%
HSV	220°, 69%, 50%
XYZ	6.8340, 6.2397, 20.9229
YIQ	66.9410, -35.9020, 11.8900

Conversions

Conversions Part 2

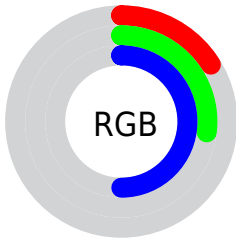
Format	Color
R_{YB}	40, 62, 127
Decimal	2639231
CIE Lab	30.01, 9.60, -36.09
CIE LCh	30, 37.340, 284.893
Yxy	6.2397, 0.2010, 0.1835
Android (android.graphics.Color)	4280829311 (0xFF28457F)
YUV	66.9410, 29.6091, -23.6273
Hunter-Lab	24.9793, 5.1210, -32.1762

Details

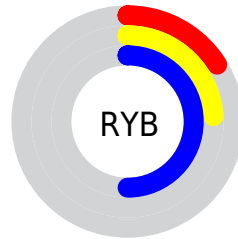
The Hex color **28457F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7F6228**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5F75B4**, and **001B4D** is the 20% darker color. If you saturate the color by 10%, you get **1B3D7F**, and if you desaturate by 10%, it is **354D7F**.

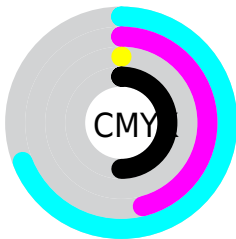
Distribution



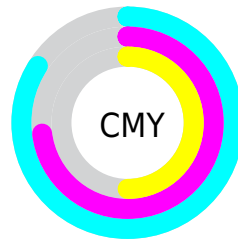
- Red (16%)
- Green (27%)
- Blue (50%)



- Red (16%)
- Yellow (24%)
- Blue (50%)



- Cyan (69%)
- Magenta (46%)
- Yellow (0%)
- Black (50%)



- Cyan (84%)
- Magenta (73%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28457F 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 28457F by changing the saturation by 10% instead.

■ 28457F

■ 28457F

FFFFFF

■ 002F66

■ 5F75B4

■ 001B4D

■ 7A8ED0

■ 000036

■ 96A9EC

■ 000220

■ B2C4FF

■ 000004

■ CEE0FF

■ 000000

■ EBFCFF

■ 28457F

■ 28457F

■ 1B3D7F

■ 354D7F

■ 0F347F

■ 41567F

■ 022C7F

■ 4E5E7F

■ 002A7F

■ 5B677F

■ 686F7F

■ 74787F

■ 81807F

■ 8E897F

■ 9A917F

Harmonies

Analogous

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



004E7F



28457F



5A3870

Triad

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



28457F



74341F



005337

Complementary

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



28457F



7F6228

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.



26501B



28457F



614009

Square

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



28457F



7B2B39



484A06



005455

Rectangle

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



28457F



6D3060



484A06



00532D

Sweetspot

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



28457F



838FA6



287F62



3F4654



D4D4D4



545454

Same Dimension

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



28457F



1E4BA6



36287F



393C40



002A80



000000

Inverse Universe

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



7F2845



A61E4B



717F28



40393C



80002A



000000

Previews

White Background



This preview shows how the Hex color 28457F looks on a white background.

Color Contrast Check

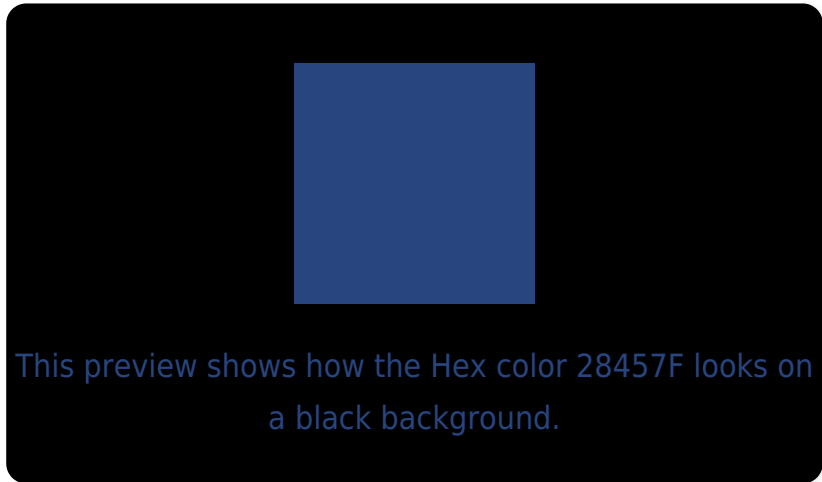
Large Text (above 18pt) WCAG AA ✓ Pass

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 28457F Background



This preview shows how black text looks on a background with the Hex color 28457F.



This preview shows how white text looks on a background with the Hex color 28457F.

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
28457F

Protanopia
2B457F

Deuteranopia
0F487E



Tritanopia
004E55

Trichromacy



Original Color
28457F

Protanomaly
2A457F

Deuteranomaly
18477E

Tritanomaly
0F4B64

Monochromacy



Original Color
28457F

Achromatopsia
434343

Achromatomaly
394459

CSS Examples

Text

The CSS property to change the color of the text to Hex 28457F 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 #28457F looks like.

```
.text, #text, p{  
    color:#28457F  
}
```

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 #28457F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28457F
}
```

Border

The CSS property to change the border of an element to Hex 28457F 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
#28457F }
```

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

```
.border{ border-color:#28457F }
```

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

Here you see how a box with a 4 pixel #28457F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28457F; -webkit-box-shadow:4px 4px  
4px 4px #28457F; box-shadow:4px 4px 4px  
4px #28457F }
```

Background

The CSS property to change the background color of an element to Hex 28457F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28457F }
```

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

```
.background{ background-color:#28457F }
```

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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