

# Converting Colors

Hex(2C487A)

Have a look what the booklet for  
Hex(2C487A) contains.

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# Color

**Hex(2C487A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2C487A
RGB	44, 72, 122
RGB Percent	17%, 28%, 48%
CMY	0.8275, 0.7176, 0.5216
CMYK	0.64, 0.41, 0.00, 0.52
HSL	218°, 47%, 33%
HSV	218°, 64%, 48%
XYZ	6.8689, 6.5753, 19.3195
YIQ	69.3280, -32.7380, 9.6140

# Conversions

## Conversions Part 2

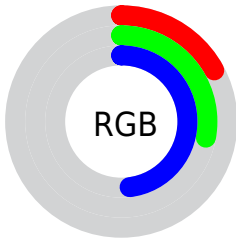
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 65, 122
Decimal	2902138
CIELab	30.82, 6.46, -31.66
CIElCh	31, 32.313, 281.526
Yxy	6.5753, 0.2097, 0.2007
Android (android.graphics.Color)	4281092218 (0xFF2C487A)
YUV	69.3280, 25.9673, -22.2127
Hunter-Lab	25.6424, 2.9411, -26.7205

# Details

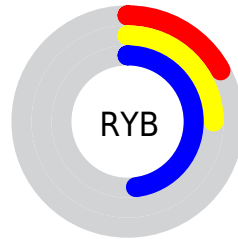
The Hex color **2C487A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7A5E2C**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **6178AF**, and **001D49** is the 20% darker color. If you saturate the color by 10%, you get **20407A**, and if you desaturate by 10%, it is **38507A**.

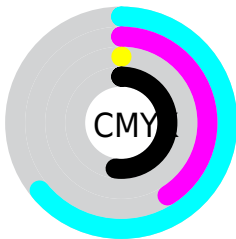
# Distribution



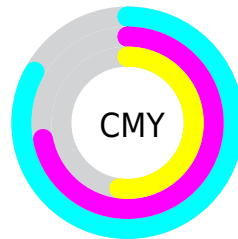
- Red (17%)
- Green (28%)
- Blue (48%)



- Red (17%)
- Yellow (25%)
- Blue (48%)



- Cyan (64%)
- Magenta (41%)
- Yellow (0%)
- Black (52%)



- Cyan (83%)
- Magenta (72%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C487A 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 2C487A by changing the saturation by 10% instead.





2C487A



2C487A

FFFFFF



0B3261



6178AF



001D49



7C92CA



000232



97ACE7



00021C



B3C7FF



000000



CFE3FF



ECFFFF



2C487A



2C487A



20407A



38507A

■ 14387A

■ 44587A

■ 07317A

■ 515F7A

■ 002C7A

■ 5D677A

■ 696F7A

■ 75777A

■ 817F7A

■ 8E877A

■ 9A8E7A

# Harmonies

## Analogous

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



005078



2C487A



573E6E

# Triad

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



2C487A



723828



005438

# Complementary

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



2C487A



7A5E2C

# 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.



315021



2C487A



634217

# Square

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



2C487A



773240



4D4A13



005552

# Rectangle

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



2C487A



683761



4D4A13



17532F



# Sweetspot

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



2C487A



808B9E



2C7A5D



3D434F



CFCFCF



4F4F4F



# Same Dimension

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



2C487A



24509E



362C7A



37393D



002D7D



005BFC



# Inverse Universe

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



7A2C48



9E2450



707A2C



3D3739



7D002D



FC005B



# Previews

## White Background



This preview shows how the Hex color 2C487A looks on a white background.

## Color Contrast Check

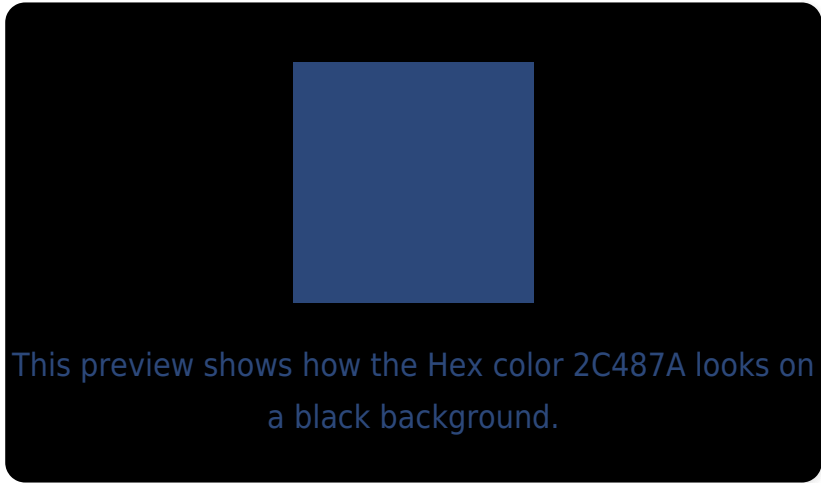
Large Text (above 18pt) WCAG AA ✓ Pass

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 2C487A Background



This preview shows how black text looks on a background with the Hex color 2C487A.



This preview shows how white text looks on a background with the Hex color 2C487A.

# 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**  
2C487A

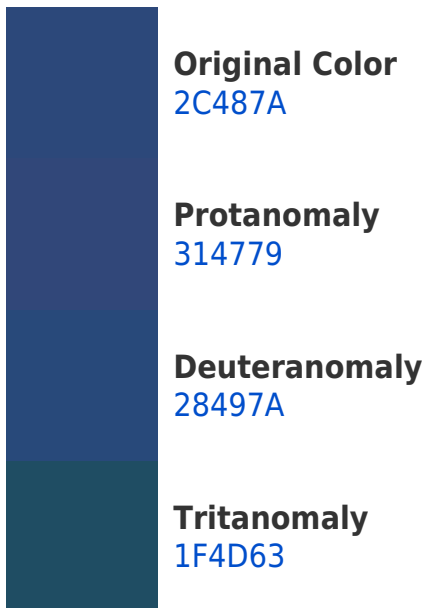
**Protanopia**  
344779

**Deuteranopia**  
26497A



**Tritanopia**  
185056

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C487A 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 #2C487A looks like.

```
.text, #text, p{  
    color:#2C487A  
}
```

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 #2C487A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C487A
}
```

## Border

The CSS property to change the border of an element to Hex 2C487A 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
#2C487A }
```

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

```
.border{ border-color:#2C487A }
```

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

Here you see how a box with a 4 pixel #2C487A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C487A; -webkit-box-shadow:4px 4px  
4px 4px #2C487A; box-shadow:4px 4px 4px  
4px #2C487A }
```

# Background

The CSS property to change the background color of an element to Hex 2C487A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C487A }
```

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

```
.background{ background-color:#2C487A }
```

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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