

Converting Colors

Hex(2A517D)

Have a look what the booklet for
Hex(2A517D) contains.

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Color

Hex(2A517D)

Conversions

Conversions Part 1

Format	Color
Hex	2A517D
RGB	42, 81, 125
RGB Percent	16%, 32%, 49%
CMY	0.8353, 0.6824, 0.5098
CMYK	0.66, 0.35, 0.00, 0.51
HSL	212°, 50%, 33%
HSV	212°, 66%, 49%
XYZ	7.5989, 7.8578, 20.5182
YIQ	74.3550, -37.3680, 5.4160

Conversions

Conversions Part 2

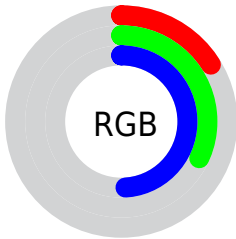
Format	Color
RYB	42, 69, 125
Decimal	2773373
CIELab	33.68, 1.24, -29.00
CIElCh	34, 29.026, 272.446
Yxy	7.8578, 0.2112, 0.2184
Android (android.graphics.Color)	4280963453 (0xFF2A517D)
YUV	74.3550, 24.9680, -28.3753
Hunter-Lab	28.0317, -0.6670, -23.7760

Details

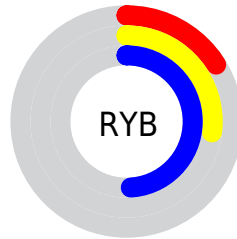
The Hex color **2A517D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7D562A**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **6082B2**, and **00254C** is the 20% darker color. If you saturate the color by 10%, you get **1E4A7D**, and if you desaturate by 10%, it is **37587D**.

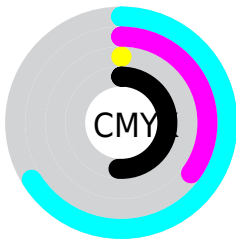
Distribution



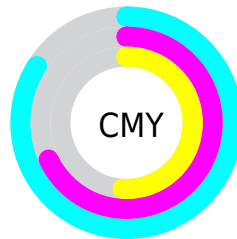
- Red (16%)
- Green (32%)
- Blue (49%)



- Red (16%)
- Yellow (27%)
- Blue (49%)



- Cyan (66%)
- Magenta (35%)
- Yellow (0%)
- Black (51%)



- Cyan (84%)
- Magenta (68%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A517D 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 2A517D by changing the saturation by 10% instead.

■ 2A517D

■ 2A517D

FFFFFF

■ 063A64

■ 6082B2

■ 00254C

■ 7B9CCE

■ 001035

■ 96B7EA

■ 00021F

■ B2D2FF

■ 000002

■ CFEFFF

■ 000000

■ EBFFFF

■ 2A517D

■ 2A517D

■ 1E4A7D

■ 37587D

■ 11447D

■ 435E7D

■ 053D7D

■ 50657D

■ 003B7D

■ 5C6C7D

■ 69727D

■ 75797D

■ 827F7D

■ 8E867D

■ 9B8D7D

Harmonies

Analogous

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



005778



2A517D



534876

Triad

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



2A517D



793F38



255939

Complementary

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



2A517D



7D562A

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.



435527



2A517D



6E4627

Square

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



2A517D



793C4E



5B4F20



005B50

Rectangle

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



2A517D



66436B



5B4F20



305832

Sweetspot

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



2A517D



8392A3



2A7D55



3E4752



D1D1D1



525252

Same Dimension

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



2A517D



215EA3



2B2A7D



393C40



003C80



000000

Inverse Universe

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



7D2A51



A3215E



7C7D2A



40393C



80003C



000000

Previews

White Background



This preview shows how the Hex color 2A517D looks on a white background.

Color Contrast Check

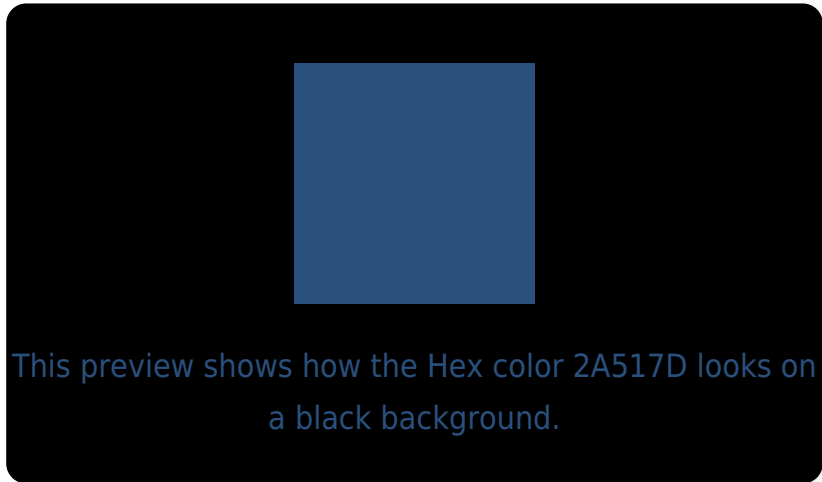
Large Text (above 18pt) WCAG AA ✓ Pass

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 2A517D Background



This preview shows how black text looks on a background with the Hex color 2A517D.



This preview shows how white text looks on a background with the Hex color 2A517D.

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
2A517D

Protanopia
3F4E7A

Deuteranopia
354F7D

Trichromacy



Original Color
2A517D

Protanomaly
374F7B

Deuteranomaly
31507D

Tritanomaly
1E5569

Monochromacy



Original Color
2A517D

Achromatopsia
4A4A4A

Achromatomaly
3E4D5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A517D 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 #2A517D looks like.

```
.text, #text, p{  
    color:#2A517D  
}
```

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 #2A517D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A517D
}
```

Border

The CSS property to change the border of an element to Hex 2A517D 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
#2A517D }
```

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

```
.border{ border-color:#2A517D }
```

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

Here you see how a box with a 4 pixel #2A517D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A517D; -webkit-box-shadow:4px 4px  
4px 4px #2A517D; box-shadow:4px 4px 4px  
4px #2A517D }
```

Background

The CSS property to change the background color of an element to Hex 2A517D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A517D }
```

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

```
.background{ background-color:#2A517D }
```

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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