

Converting Colors

Hex(6A577B)

Have a look what the booklet for
Hex(6A577B) contains.

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Color

Hex(6A577B)

Conversions

Conversions Part 1

Format	Color
Hex	6A577B
RGB	106, 87, 123
RGB Percent	42%, 34%, 48%
CMY	0.5843, 0.6588, 0.5176
CMYK	0.14, 0.29, 0.00, 0.52
HSL	272°, 17%, 41%
HSV	272°, 29%, 48%
XYZ	12.9272, 11.3106, 20.2407
YIQ	96.7850, -0.2320, 15.2240

Conversions

Conversions Part 2

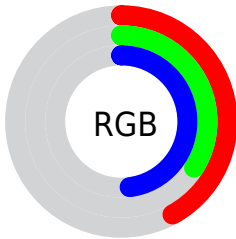
Format	Color
R_{YB}	106, 87, 123
Decimal	6969211
CIE _{Lab}	40.10, 15.33, -17.42
CIE _{LCh}	40, 23.205, 311.343
Yxy	11.3106, 0.2906, 0.2543
Android (android.graphics.Color)	4285159291 (0xFF6A577B)
YUV	96.7850, 12.9240, 8.0816
Hunter-Lab	33.6313, 9.7572, -12.1413

Details

The Hex color **6A577B** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **687B57**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **9E89B0**, and **3A294A** is the 20% darker color. If you saturate the color by 10%, you get **644B7B**, and if you desaturate by 10%, it is **70637B**.

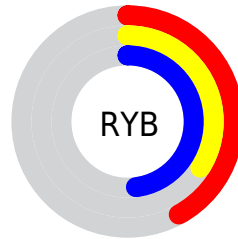
Distribution



Red (42%)

Green (34%)

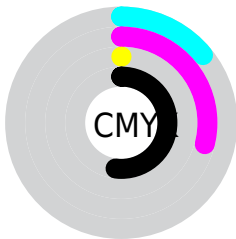
Blue (48%)



Red (42%)

Yellow (34%)

Blue (48%)

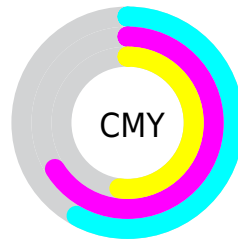


Cyan (14%)

Magenta (29%)

Yellow (0%)

Black (52%)



Cyan (58%)

Magenta (66%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A577B 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 6A577B by changing the saturation by 10% instead.

■ 6A577B

■ 6A577B

FFFFFF

■ 524062

■ 9E89B0

■ 3A294A

■ B9A3CB

■ 241533

■ D5BEE7

■ 12001F

■ F1DAFF

■ 000001

■ FFF7FF

■ 000000

■ 6A577B

■ 6A577B

■ 644B7B

■ 70637B

■ 5E3E7B

■ 76707B

■ 59327B

■ 7B7C7B

■ 53267B

■ 81887B

■ 4D1A7B

■ 87957B

■ 470D7B

■ 8DA17B

■ 41017B

■ 93AD7B

■ 41007B

■ 98B97B

■ 9EC67B

Harmonies

Analogous

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



4F5E83



6A577B



7C516B

Triad

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



6A577B



75593B



206965

Complementary

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



6A577B



687B57

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.



386852



6A577B



646039

Square

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



6A577B



815346



4F6541



186777

Rectangle

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



6A577B



82505E



4F6541



28695F

Sweetspot

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



6A577B



9A92A1



57687B



4D4952



D1D1D1



525252

Same Dimension

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



6A577B



8668A1



7B577A



3A373D



42007D



8500FC

Inverse Universe

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



7B5768



A16883



577B58



3D373A



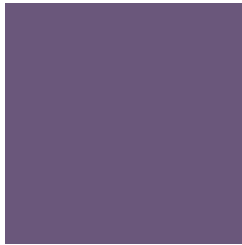
7D003B



FC0077

Previews

White Background



This preview shows how the Hex color 6A577B 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

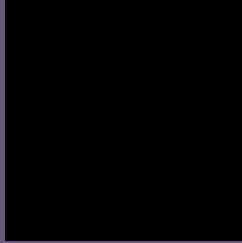
Any Text WCAG AA × Fail

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 6A577B Background



This preview shows how black text looks on a background with the Hex color 6A577B.



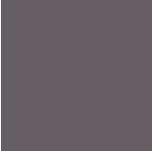
This preview shows how white text looks on a background with the Hex color 6A577B.

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





Tritanopia
665C63

Trichromacy



Original Color
6A577B

Protanomaly
5D5B7E

Deuteranomaly
5F5B7A

Tritanomaly
675A6C

Monochromacy



Original Color
6A577B

Achromatopsia
616161

Achromatomaly
645D6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A577B 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 #6A577B looks like.

```
.text, #text, p{  
    color:#6A577B  
}
```

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 #6A577B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A577B
}
```

Border

The CSS property to change the border of an element to Hex 6A577B is called "border". The border property can be set on classes, ids or directly on the HTML element.

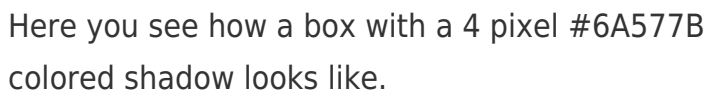
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A577B }
```

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

```
.border{ border-color:#6A577B }
```

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



Here you see how a box with a 4 pixel #6A577B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A577B; -webkit-box-shadow:4px 4px  
4px 4px #6A577B; box-shadow:4px 4px 4px  
4px #6A577B }
```

Background

The CSS property to change the background color of an element to Hex 6A577B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A577B }
```

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

```
.background{ background-color:#6A577B }
```

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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