

Converting Colors

Hex(517BA6)

Have a look what the booklet for
Hex(517BA6) contains.

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Color

Hex(517BA6)

Conversions

Conversions Part 1

Format	Color
Hex	517BA6
RGB	81, 123, 166
RGB Percent	32%, 48%, 65%
CMY	0.6824, 0.5176, 0.3490
CMYK	0.51, 0.26, 0.00, 0.35
HSL	210°, 34%, 48%
HSV	210°, 51%, 65%
XYZ	17.3592, 18.6684, 38.7648
YIQ	115.3440, -38.8350, 4.4690

Conversions

Conversions Part 2

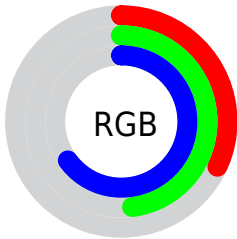
Format	Color
R _Y B	81, 109, 166
Decimal	5340070
CIE Lab	50.30, -2.08, -27.44
CIE LCh	50, 27.523, 265.667
Yxy	18.6684, 0.2321, 0.2496
Android (android.graphics.Color)	4283530150 (0xFF517BA6)
YUV	115.3440, 24.9734, -30.1197
Hunter-Lab	43.2070, -3.8964, -22.9495

Details

The Hex color **517BA6** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A67C51**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **87AFDD**, and **164B72** is the 20% darker color. If you saturate the color by 10%, you get **4073A6**, and if you desaturate by 10%, it is **6283A6**.

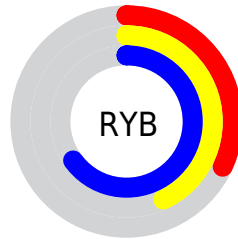
Distribution



Red (32%)

Green (48%)

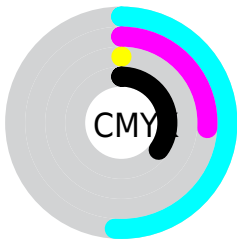
Blue (65%)



Red (32%)

Yellow (43%)

Blue (65%)

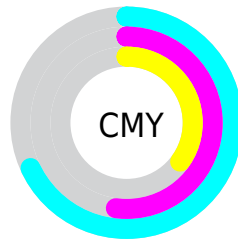


Cyan (51%)

Magenta (26%)

Yellow (0%)

Black (35%)



Cyan (68%)

Magenta (52%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 517BA6 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 517BA6 by changing the saturation by 10% instead.

■ 517BA6

■ 517BA6

FFFFFF

■ 36628C

■ 87AFDD

■ 164B72

■ A3CBFA

■ 003459

■ BFE7FF

■ 001F42

■ DCFFFF

■ 00052B

■ F9FFFF

■ 000116

■ 000000

■ 517BA6

■ 517BA6

■ 4073A6

■ 6283A6

■ 306AA6

■ 728CA6

■ 1F62A6

■ 8394A6

■ 0F59A6

■ 939DA6

■ 0052A6

■ A4A5A6

■ B5ADA6

■ C5B6A6

■ D6BEA6

■ E6C7A6

Harmonies

Analogous

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



2C819E



517BA6



7673A2

Triad

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



517BA6



A56765



57825D

Complementary

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



517BA6



A67C51

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.



737C4D



517BA6



9D6D52

Square

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



517BA6



A2667C



8B7549



3A8473

Rectangle

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



517BA6



8A6D99



8B7549



618056

Sweetspot

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



517BA6



B8C8D9



51A67B



5A646E



EDEDED



6E6E6E

Same Dimension

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



517BA6



5596D9



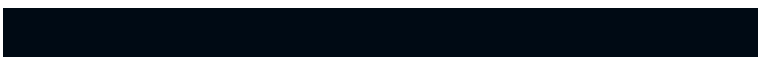
5151A6



4C5054



004994



000A14

Inverse Universe

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



A6517B



D95596



A6A651



544C50



940049



14000A

Previews

White Background



This preview shows how the Hex color 517BA6 looks on a white background.

Color Contrast Check

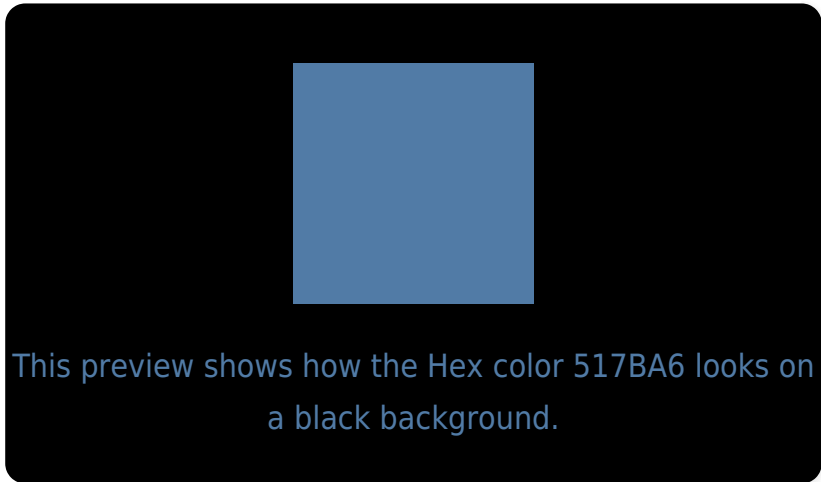
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

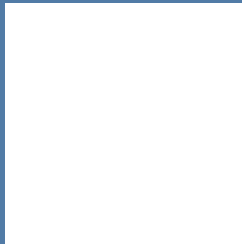
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 517BA6 Background



This preview shows how black text looks on a background with the Hex color 517BA6.

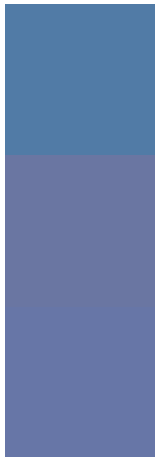


This preview shows how white text looks on a background with the Hex color 517BA6.

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
517BA6

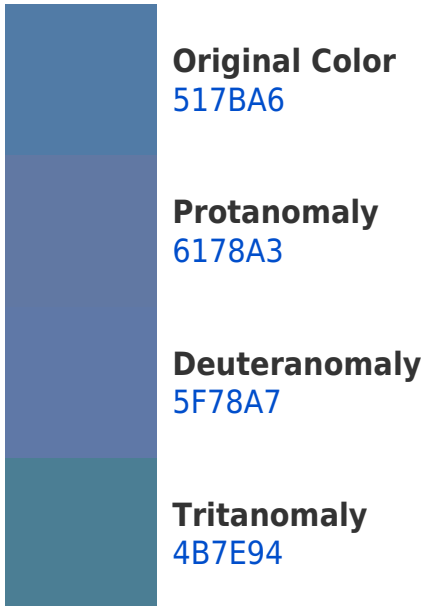
Protanopia
6A76A2

Deuteranopia
6776A7



Tritanopia
48808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 517BA6 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 #517BA6 looks like.

```
.text, #text, p{  
    color:#517BA6  
}
```

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 #517BA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #517BA6
}
```

Border

The CSS property to change the border of an element to Hex 517BA6 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
#517BA6 }
```

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

```
.border{ border-color:#517BA6 }
```

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

Here you see how a box with a 4 pixel #517BA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #517BA6; -webkit-box-shadow:4px 4px  
4px 4px #517BA6; box-shadow:4px 4px 4px  
4px #517BA6 }
```

Background

The CSS property to change the background color of an element to Hex 517BA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#517BA6 }
```

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

```
.background{ background-color:#517BA6 }
```

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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