

Converting Colors

Hex(557DAC)

Have a look what the booklet for
Hex(557DAC) contains.

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Color

Hex(557DAC)

Conversions

Conversions Part 1

Format	Color
Hex	557DAC
RGB	85, 125, 172
RGB Percent	33%, 49%, 67%
CMY	0.6667, 0.5098, 0.3255
CMYK	0.51, 0.27, 0.00, 0.33
HSL	212°, 34%, 50%
HSV	212°, 51%, 67%
XYZ	18.5263, 19.5771, 41.8320
YIQ	118.3980, -38.9270, 6.1370

Conversions

Conversions Part 2

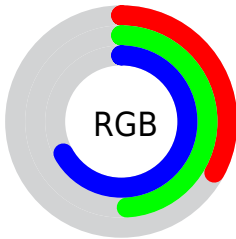
Format	Color
R _Y B	85, 112, 172
Decimal	5602732
CIE Lab	51.36, -0.42, -29.26
CIE LCh	51, 29.267, 269.173
Yxy	19.5771, 0.2318, 0.2449
Android (android.graphics.Color)	4283792812 (0xFF557DAC)
YUV	118.3980, 26.4258, -29.2900
Hunter-Lab	44.2460, -2.6904, -25.0831

Details

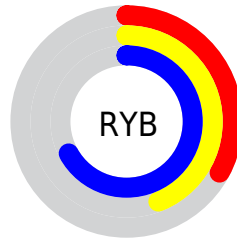
The Hex color **557DAC** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AC8455**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **8BB1E4**, and **1B4C77** is the 20% darker color. If you saturate the color by 10%, you get **4474AC**, and if you desaturate by 10%, it is **6686AC**.

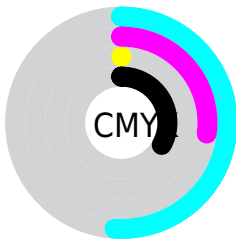
Distribution



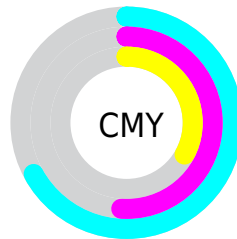
- Red (33%)
- Green (49%)
- Blue (67%)



- Red (33%)
- Yellow (44%)
- Blue (67%)



- Cyan (51%)
- Magenta (27%)
- Yellow (0%)
- Black (33%)



- Cyan (67%)
- Magenta (51%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 557DAC 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 557DAC by changing the saturation by 10% instead.

■ 557DAC

■ 557DAC

FFFFFF

■ 3A6491

■ 8BB1E4

■ 1B4C77

■ A7CDFF

■ 00365E

■ C3E9FF

■ 002147

■ E0FFFF

■ 000930

FEFFFF

■ 00011A

■ 000000

■ 557DAC

■ 557DAC

■ 4474AC

■ 6686AC

■ 336AAC

■ 7790AC

■ 2161AC

■ 8999AC

■ 1058AC

■ 9AA2AC

■ 004FAC

■ ABABAC

■ BCB5AC

■ CDBEAC

■ DFC7AC

■ F0D1AC

Harmonies

Analogous

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



2984A5



557DAC



7C74A6

Triad

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



557DAC



AA6963



548560

Complementary

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



557DAC



AC8455

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.



72804E



557DAC



A07050

Square

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



557DAC



A9677C



8B7948



328879

Rectangle

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



557DAC



916E9B



8B7948



5E8459

Sweetspot

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



557DAC



BFCEE0



55AC83



5C6570



F0F0F0



707070

Same Dimension

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



557DAC



5896E0



5855AC



4E5257



004596



000B17

Inverse Universe

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



AC557D



E05896



A9AC55



574E52



960045



17000B

Previews

White Background



This preview shows how the Hex color 557DAC looks on a white background.

Color Contrast Check

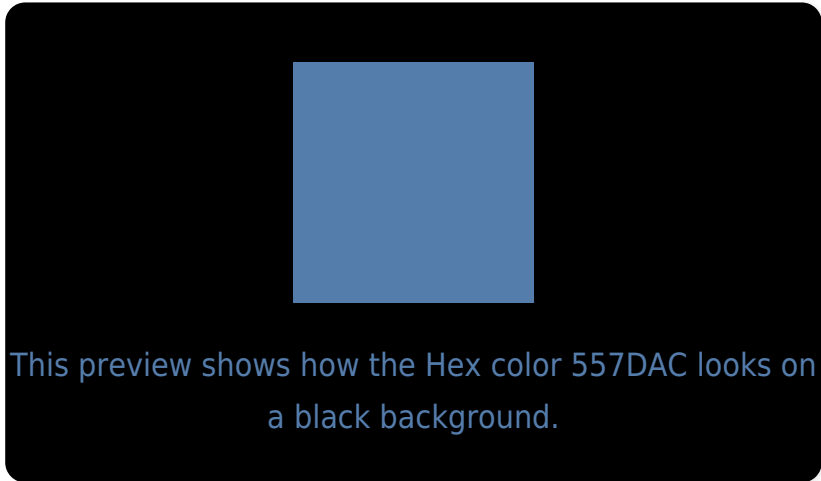
Large Text (above 18pt) WCAG AA ✓ Pass

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 557DAC Background



This preview shows how black text looks on a background with the Hex color 557DAC.

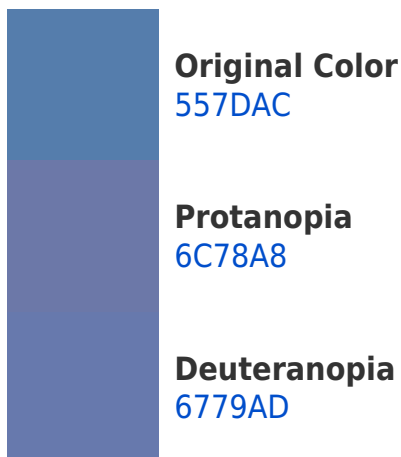



This preview shows how white text looks on a background with the Hex color 557DAC.

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](#).

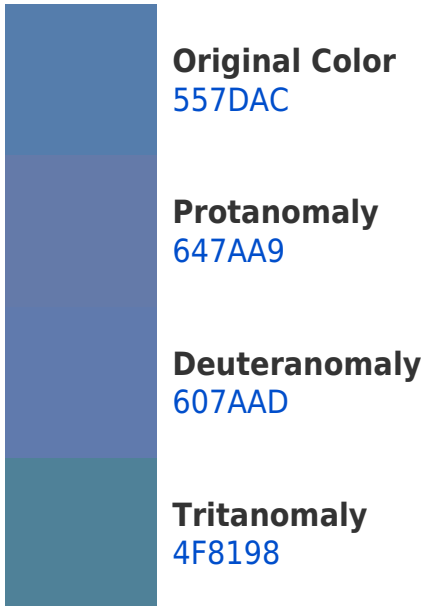
Dichromacy



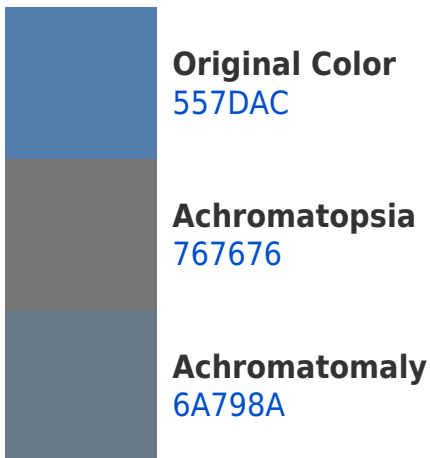


Tritanopia
4B838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 557DAC 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 #557DAC looks like.

```
.text, #text, p{  
    color:#557DAC  
}
```

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 #557DAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #557DAC
}
```

Border

The CSS property to change the border of an element to Hex 557DAC is called "border". The border property can be set on classes, ids or directly on the HTML element.

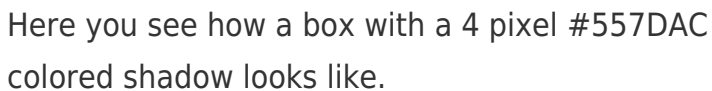
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#557DAC }
```

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

```
.border{ border-color:#557DAC }
```

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



Here you see how a box with a 4 pixel #557DAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #557DAC; -webkit-box-shadow:4px 4px  
4px 4px #557DAC; box-shadow:4px 4px 4px  
4px #557DAC }
```

Background

The CSS property to change the background color of an element to Hex 557DAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#557DAC }
```

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

```
.background{ background-color:#557DAC }
```

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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