

Converting Colors

Hex(2557A7)

Have a look what the booklet for
Hex(2557A7) contains.

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Color

Hex(2557A7)

Conversions

Conversions Part 1

Format	Color
Hex	2557A7
RGB	37, 87, 167
RGB Percent	15%, 34%, 65%
CMY	0.8549, 0.6588, 0.3451
CMYK	0.78, 0.48, 0.00, 0.35
HSL	217°, 64%, 40%
HSV	217°, 78%, 65%
XYZ	11.1462, 9.9997, 37.9019
YIQ	81.1700, -55.4800, 14.2800

Conversions

Conversions Part 2

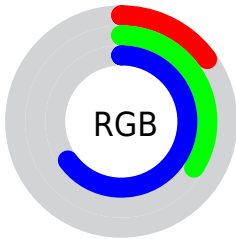
Format	Color
RYB	37, 73, 167
Decimal	2447271
CIELab	37.84, 12.66, -47.86
CIELCh	38, 49.505, 284.816
Yxy	9.9997, 0.1888, 0.1693
Android (android.graphics.Color)	4280637351 (0xFF2557A7)
YUV	81.1700, 42.3142, -38.7371
Hunter-Lab	31.6223, 7.5783, -48.9281




Details

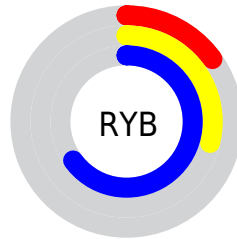
The Hex color **2557A7** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A77525**, and the grayscale version is **515151**.




A 20% lighter version of the original color is **6688DF**, and **002B72** is the 20% darker color. If you saturate the color by 10%, you get **144DA7**, and if you desaturate by 10%, it is **3661A7**.

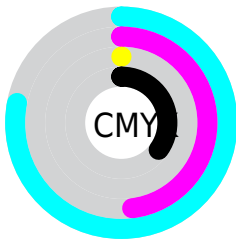
Distribution







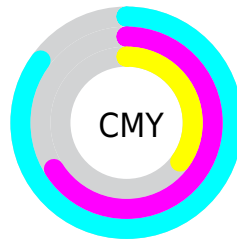
-  Red (15%)
-  Green (34%)
-  Blue (65%)






-  Red (15%)
-  Yellow (29%)
-  Blue (65%)



-  Cyan (78%)
-  Magenta (48%)
-  Yellow (0%)
-  Black (35%)



-  Cyan (85%)
-  Magenta (66%)
-  Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2557A7 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 2557A7 by changing the saturation by 10% instead.

■ 2557A7

■ 2557A7

FFFFFF

■ 00408C

■ 6688DF

■ 002B72

■ 83A2FC

■ 001859

■ A0BDFF

■ 000441

■ BDD9FF

■ 00032A

■ DAF5FF

■ 000114

■ F8FFFF

■ 000000

■ 2557A7

■ 2557A7

■ 144DA7

■ 3661A7

■ 0442A7

■ 466CA7

■ 0040A7

■ 5776A7

■ 6880A7

■ 798AA7

■ 8995A7

■ 9A9FA7

■ ABA9A7

■ BBB3A7

Harmonies

Analogous

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



0063A7



2557A7



734592

Triad

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



2557A7



963E22



006A43

Complementary

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



2557A7



A77525

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.



29661A



2557A7



7C5000

Square

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



2557A7



A02F47



595D00



006B6C

Rectangle

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



2557A7



8E387C



595D00



006935

Sweetspot

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



2557A7



A7BAD9



25A773



4F5B6E



EDEDED



6E6E6E

Same Dimension

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



2557A7



0F5DD9



3225A7



4C4F54



003994



000814

Inverse Universe

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



A72557



D90F5D



9AA725



544C4F



940039



140008

Previews

White Background



This preview shows how the Hex color 2557A7 looks on a white background.

Color Contrast Check

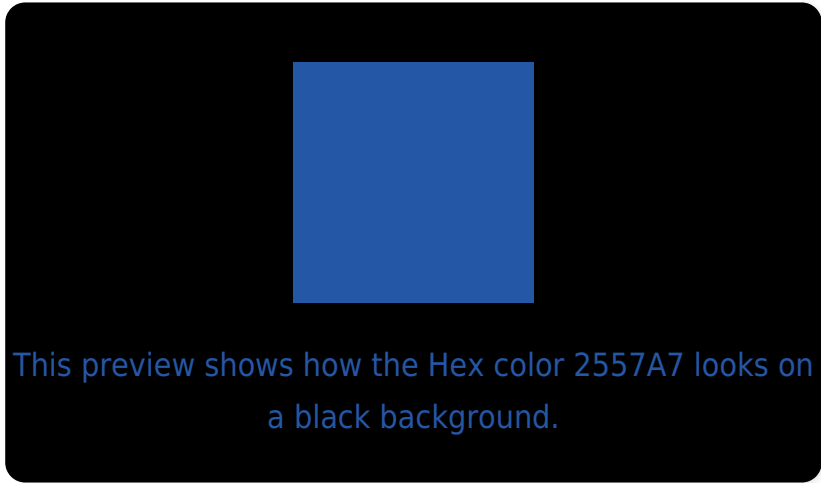
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

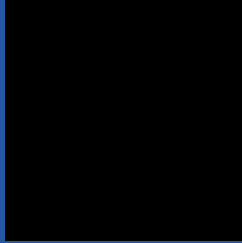
Any Text WCAG AA × Fail

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 2557A7 Background



This preview shows how black text looks on a background with the Hex color 2557A7.



This preview shows how white text looks on a background with the Hex color 2557A7.

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
2557A7

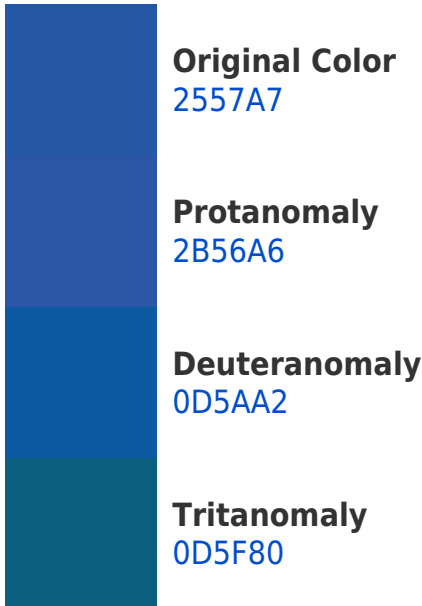
Protanopia
2E56A6

Deuteranopia
005B9F

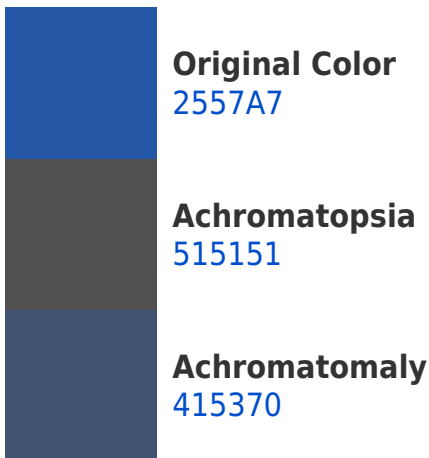


Tritanopia
00636A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2557A7 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 #2557A7 looks like.

```
.text, #text, p{  
    color:#2557A7  
}
```

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 #2557A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2557A7
}
```

Border

The CSS property to change the border of an element to Hex 2557A7 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
#2557A7 }
```

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

```
.border{ border-color:#2557A7 }
```

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

Here you see how a box with a 4 pixel #2557A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2557A7; -webkit-box-shadow:4px 4px  
4px 4px #2557A7; box-shadow:4px 4px 4px  
4px #2557A7 }
```

Background

The CSS property to change the background color of an element to Hex 2557A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2557A7 }
```

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

```
.background{ background-color:#2557A7 }
```

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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