

Converting Colors

Hex(1257A6)

Have a look what the booklet for
Hex(1257A6) contains.

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Color

Hex(1257A6)

Conversions

Conversions Part 1

Format	Color
Hex	1257A6
RGB	18, 87, 166
RGB Percent	7%, 34%, 65%
CMY	0.9294, 0.6588, 0.3490
CMYK	0.89, 0.48, 0.00, 0.35
HSL	212°, 80%, 36%
HSV	212°, 89%, 65%
XYZ	10.5406, 9.6982, 37.3928
YIQ	75.3750, -66.4830, 9.9410

Conversions

Conversions Part 2

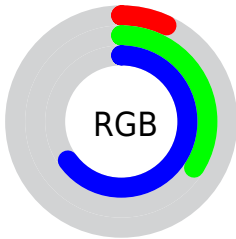
Format	Color
R_{YB}	18, 65, 166
Decimal	1202086
CIE _{Lab}	37.30, 10.50, -48.17
CIE _{LCh}	37, 49.300, 282.298
Yxy	9.6982, 0.1829, 0.1683
Android (android.graphics.Color)	4279392166 (0xFF1257A6)
YUV	75.3750, 44.6781, -50.3179
Hunter-Lab	31.1419, 5.9186, -49.3916

Details

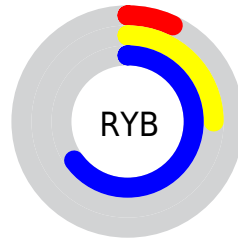
The Hex color **1257A6** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A66112**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **5D88DE**, and **002B71** is the 20% darker color. If you saturate the color by 10%, you get **014EA6**, and if you desaturate by 10%, it is **2360A6**.

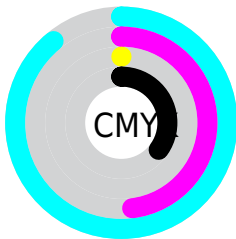
Distribution



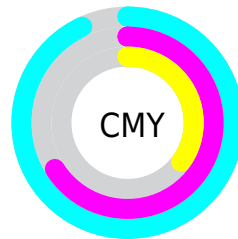
- Red (7%)
- Green (34%)
- Blue (65%)



- Red (7%)
- Yellow (25%)
- Blue (65%)



- Cyan (89%)
- Magenta (48%)
- Yellow (0%)
- Black (35%)



- Cyan (93%)
- Magenta (66%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1257A6 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 1257A6 by changing the saturation by 10% instead.

■ 1257A6

■ 1257A6

FFFFFF

■ 00408B

■ 5D88DE

■ 002B71

■ 7AA2FB

■ 001858

■ 98BDFF

■ 000740

■ B5D9FF

■ 000329

■ D2F5FF

■ 000113

■ F0FFFF

■ 000000

■ 1257A6

■ 1257A6

■ 014EA6

■ 2360A6

■ 004DA6

■ 3369A6

■ 4472A6

■ 547AA6

■ 6583A6

■ 768CA6

■ 8695A6

■ 979EA6

■ A7A7A6

Harmonies

Analogous

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



0063A4



1257A6



6E4593

Triad

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



1257A6



953B24



00683E

Complementary

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



1257A6



A66112

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.



2D6416



1257A6



7D4D00

Square

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



1257A6



9E2E49



5B5B00



006A68

Rectangle

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



1257A6



89387D



5B5B00



006731

Sweetspot

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



1257A6



9EBAD9



12A661



4B5B6E



EDEDED



6E6E6E

Same Dimension

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



1257A6



0065D9



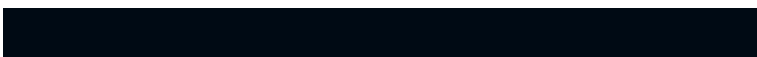
1712A6



4C5054



004594



000A14

Inverse Universe

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



A61257



D90065



A1A612



544C50



940045



14000A

Previews

White Background



This preview shows how the Hex color 1257A6 looks on a white background.

Color Contrast Check

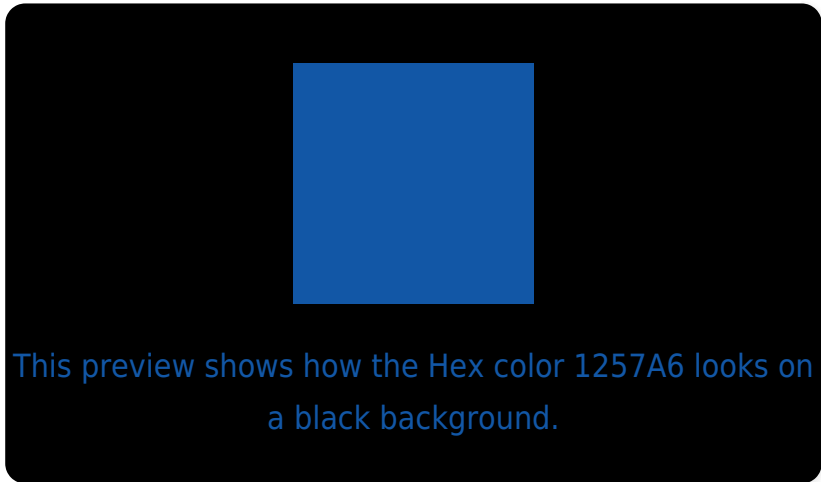
Large Text (above 18pt) WCAG AA ✓ Pass

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

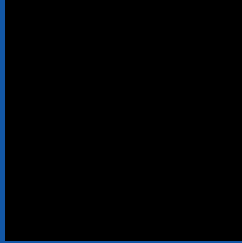
Any Text WCAG AA × Fail

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 1257A6 Background



This preview shows how black text looks on a background with the Hex color 1257A6.

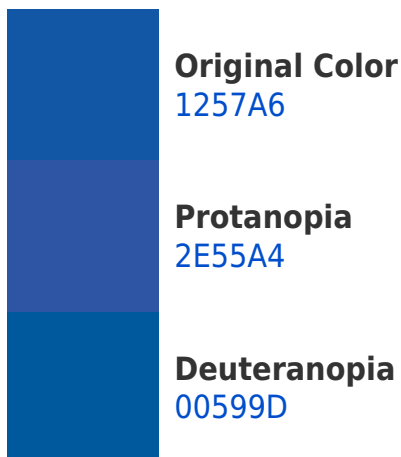


This preview shows how white text looks on a background with the Hex color 1257A6.

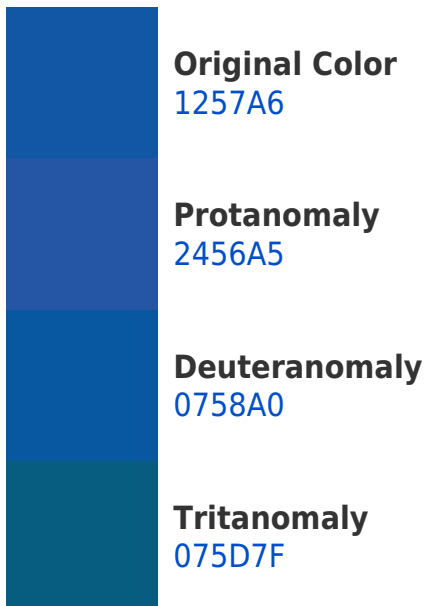
Color Blindness Simulation

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](#).

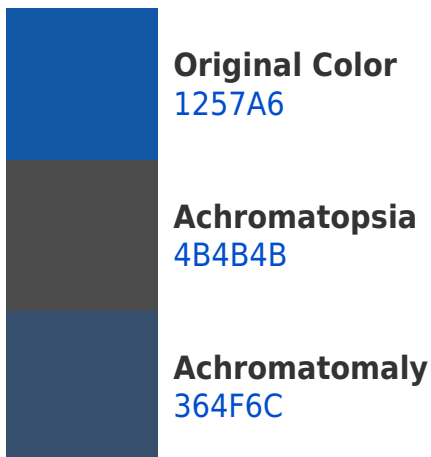
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1257A6 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 #1257A6 looks like.

```
.text, #text, p{  
    color:#1257A6  
}
```

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 #1257A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1257A6
}
```

Border

The CSS property to change the border of an element to Hex 1257A6 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
#1257A6 }
```

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

```
.border{ border-color:#1257A6 }
```

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

Here you see how a box with a 4 pixel #1257A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1257A6; -webkit-box-shadow:4px 4px  
4px 4px #1257A6; box-shadow:4px 4px 4px  
4px #1257A6 }
```

Background

The CSS property to change the background color of an element to Hex 1257A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1257A6 }
```

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

```
.background{ background-color:#1257A6 }
```

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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