

Converting Colors

Hex(256CBA)

Have a look what the booklet for
Hex(256CBA) contains.

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Color

Hex(256CBA)

Conversions

Conversions Part 1

Format	Color
Hex	256CBA
RGB	37, 108, 186
RGB Percent	15%, 42%, 73%
CMY	0.8549, 0.5765, 0.2706
CMYK	0.80, 0.42, 0.00, 0.27
HSL	211°, 67%, 44%
HSV	211°, 80%, 73%
XYZ	14.9884, 14.6636, 48.4948
YIQ	95.6630, -67.3540, 9.2060

Conversions

Conversions Part 2

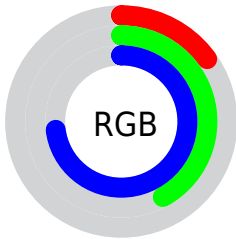
Format	Color
R_{YB}	37, 85, 186
Decimal	2452666
CIE _{Lab}	45.17, 6.47, -47.27
CIE _{LCh}	45, 47.711, 277.792
Yxy	14.6636, 0.1918, 0.1876
Android (android.graphics.Color)	4280642746 (0xFF256CBA)
YUV	95.6630, 44.5361, -51.4475
Hunter-Lab	38.2931, 2.8544, -48.2803

Details

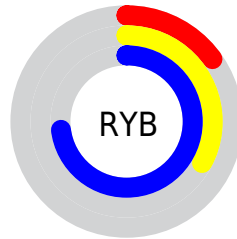
The Hex color **256CBA** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **BA7325**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **6A9FF3**, and **003D84** is the 20% darker color. If you saturate the color by 10%, you get **1262BA**, and if you desaturate by 10%, it is **3876BA**.

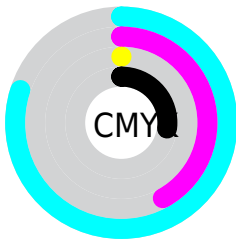
Distribution



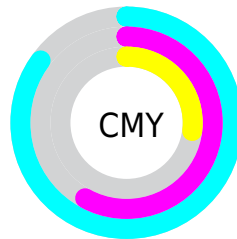
- Red (15%)
- Green (42%)
- Blue (73%)



- Red (15%)
- Yellow (33%)
- Blue (73%)



- Cyan (80%)
- Magenta (42%)
- Yellow (0%)
- Black (27%)



- Cyan (85%)
- Magenta (58%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 256CBA 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 256CBA by changing the saturation by 10% instead.

 256CBA

 256CBA

FFFFFF

 00549F

 6A9FF3

 003D84

 87BAFF

 00286A

 A5D5FF

 001552

 C3F2FF

 00053A

 E1FFFF

 000224

 00000B

 000000

 256CBA

 256CBA

■ 1262BA

■ 3876BA

■ 0059BA

■ 4A7FBA

■ 5D89BA

■ 6F93BA

■ 829DBA

■ 95A6BA

■ A7B0BA

■ BABABA

■ CCC4BA

Harmonies

Analogous

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



0077B4



256CBA



7A5CAA

Triad

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



256CBA



AD4E3C



007C4B

Complementary

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



256CBA



BA7325

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.



4B7627



256CBA



975E1E

Square

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



256CBA



B34562



766C11



007E74

Rectangle

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



256CBA



985096



766C11



207A3E

Sweetspot

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



256CBA



B8D4F2



25BA72



57687A



FAFAFA



7A7A7A

Same Dimension

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



256CBA



0A79F2



2725BA



53575C



004A9C



000D1C

Inverse Universe

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



BA256C



F20A79



B8BA25



5C5357



9C004A



1C000D

Previews

White Background



This preview shows how the Hex color 256CBA looks on a white background.

Color Contrast Check

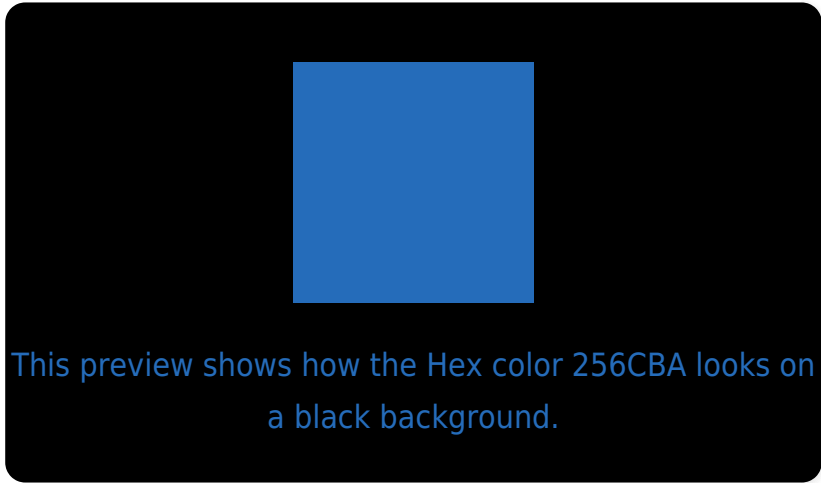
Large Text (above 18pt) WCAG AA ✓ Pass

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 256CBA Background



This preview shows how black text looks on a background with the Hex color 256CBA.

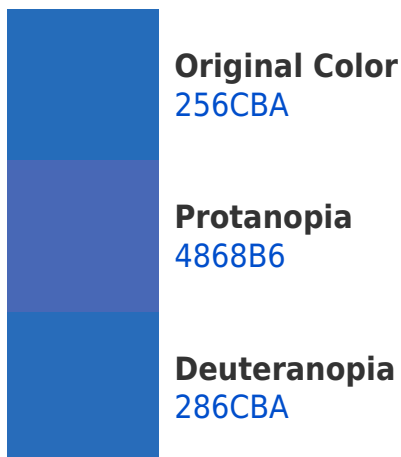


This preview shows how white text looks on a background with the Hex color 256CBA.

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](#).

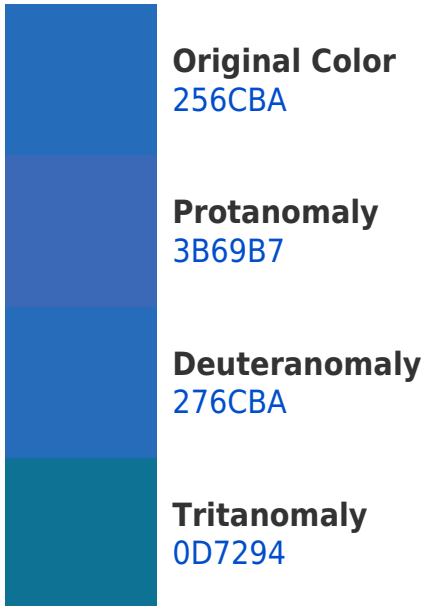
Dichromacy





Tritanopia
00767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 256CBA 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 #256CBA looks like.

```
.text, #text, p{  
    color:#256CBA  
}
```

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 #256CBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #256CBA
}
```

Border

The CSS property to change the border of an element to Hex 256CBA 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
#256CBA }
```

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

```
.border{ border-color:#256CBA }
```

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

Here you see how a box with a 4 pixel #256CBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #256CBA; -webkit-box-shadow:4px 4px  
4px 4px #256CBA; box-shadow:4px 4px 4px  
4px #256CBA }
```

Background

The CSS property to change the background color of an element to Hex 256CBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#256CBA }
```

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

```
.background{ background-color:#256CBA }
```

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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