

Converting Colors

Hex(5257BB)

Have a look what the booklet for
Hex(5257BB) contains.

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Color

Hex(5257BB)

Conversions

Conversions Part 1

Format	Color
Hex	5257BB
RGB	82, 87, 187
RGB Percent	32%, 34%, 73%
CMY	0.6784, 0.6588, 0.2667
CMYK	0.56, 0.53, 0.00, 0.27
HSL	237°, 44%, 53%
HSV	237°, 56%, 73%
XYZ	15.8575, 12.1981, 48.5324
YIQ	96.9050, -35.0800, 30.0400

Conversions

Conversions Part 2

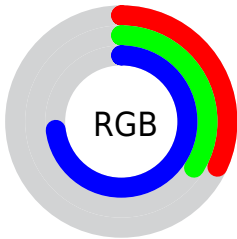
Format	Color
R_{YB}	82, 87, 187
Decimal	5396411
CIE _{Lab}	41.53, 27.28, -53.59
CIE _{LCh}	42, 60.133, 296.983
Yxy	12.1981, 0.2070, 0.1593
Android (android.graphics.Color)	4283586491 (0xFF5257BB)
YUV	96.9050, 44.4168, -13.0717
Hunter-Lab	34.9258, 19.9251, -57.9406

Details

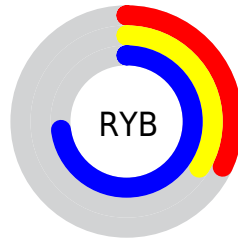
The Hex color **5257BB** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **BBB652**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **8B89F4**, and **072A85** is the 20% darker color. If you saturate the color by 10%, you get **3F45BB**, and if you desaturate by 10%, it is **6569BB**.

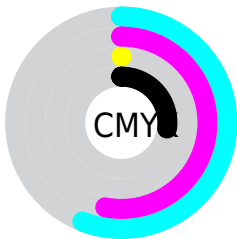
Distribution



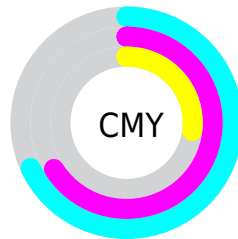
- Red (32%)
- Green (34%)
- Blue (73%)



- Red (32%)
- Yellow (34%)
- Blue (73%)



- Cyan (56%)
- Magenta (53%)
- Yellow (0%)
- Black (27%)



- Cyan (68%)
- Magenta (66%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5257BB 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 5257BB by changing the saturation by 10% instead.

■ 5257BB

■ 5257BB

FFFFFF

■ 3340A0

■ 8B89F4

■ 072A85

■ A8A3FF

■ 00166B

■ C5BEFF

■ 000052

■ E2DAFF

■ 00053A

■ FFF6FF

■ 000224

■ 00000B

■ 000000

■ 5257BB

■ 5257BB

■ 3F45BB

■ 6569BB

■ 2D33BB

■ 777BBB

■ 1A22BB

■ 8A8CBB

■ 0710BB

■ 9D9EBB

■ 0009BB

■ B0B0BB

■ C2C2BB

■ D5D4BB

■ E8E5BB

■ FAF7BB

Harmonies

Analogous

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



006AC6



5257BB



973D99

Triad

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



5257BB



A04904



00775B

Complementary

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



5257BB



BB652

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.



007427



5257BB



7B5E00

Square

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



5257BB



B52F38



4B6C00



00778E

Rectangle

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



5257BB



AE2B7A



4B6C00



00764A

Sweetspot

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



5257BB



C9CBF2



52BBB6



62637A



FAFAFA



7A7A7A

Same Dimension

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



5257BB



5058F2



8152BB



55555E



00089E



00011F

Inverse Universe

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



BB5257



F25058



8CBB52



5E5555



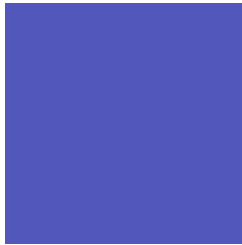
9E0008



1F0001

Previews

White Background



This preview shows how the Hex color 5257BB looks on a white background.

Color Contrast Check

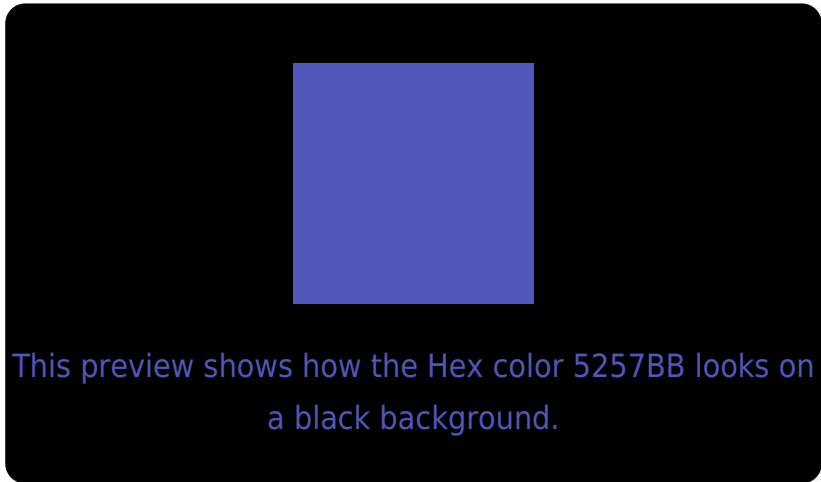
Large Text (above 18pt) WCAG AA ✓ Pass

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

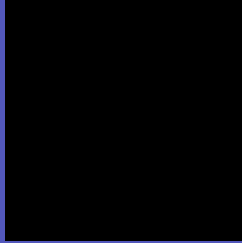
Any Text WCAG AA × Fail

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 5257BB Background



This preview shows how black text looks on a background with the Hex color 5257BB.

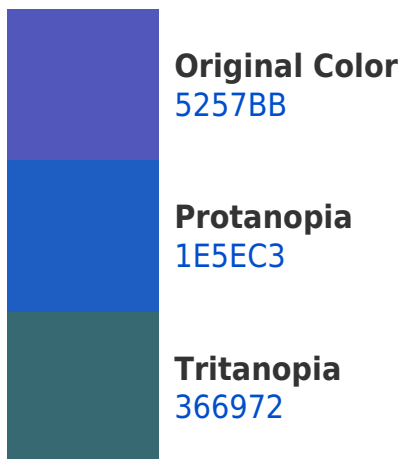


This preview shows how white text looks on a background with the Hex color 5257BB.

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



Original Color
5257BB

Protanomaly
315BC0

Tritanomaly
40628D

Monochromacy



Original Color
5257BB

Achromatopsia
616161

Achromatomaly
5C5D82

CSS Examples

Text

The CSS property to change the color of the text to Hex 5257BB 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 #5257BB looks like.

```
.text, #text, p{  
    color:#5257BB  
}
```

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 #5257BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5257BB
}
```

Border

The CSS property to change the border of an element to Hex 5257BB 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".

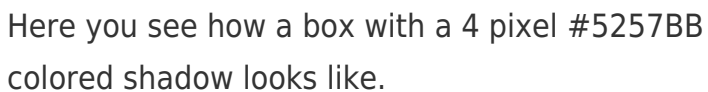
```
.border, #border, table{ border:4px solid
#5257BB }
```

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

```
.border{ border-color:#5257BB }
```

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

Here you see how a box with a 4 pixel #5257BB colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5257BB; -webkit-box-shadow:4px 4px  
4px 4px #5257BB; box-shadow:4px 4px 4px  
4px #5257BB }
```

Background

The CSS property to change the background color of an element to Hex 5257BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5257BB }
```

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

```
.background{ background-color:#5257BB }
```

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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