

Converting Colors

Hex(4D62B8)

Have a look what the booklet for
Hex(4D62B8) contains.

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Color

Hex(4D62B8)

Conversions

Conversions Part 1

Format	Color
Hex	4D62B8
RGB	77, 98, 184
RGB Percent	30%, 38%, 72%
CMY	0.6980, 0.6157, 0.2784
CMYK	0.58, 0.47, 0.00, 0.28
HSL	228°, 43%, 51%
HSV	228°, 58%, 72%
XYZ	16.0800, 13.7738, 47.1585
YIQ	101.5250, -40.1220, 22.2940

Conversions

Conversions Part 2

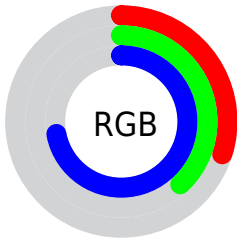
Format	Color
RYB	77, 95, 184
Decimal	5071544
CIELab	43.91, 18.32, -48.03
CIELCh	44, 51.407, 290.875
Yxy	13.7738, 0.2088, 0.1789
Android (android.graphics.Color)	4283261624 (0xFF4D62B8)
YUV	101.5250, 40.6602, -21.5084
Hunter-Lab	37.1131, 12.3906, -49.3588

Details

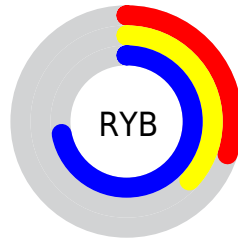
The Hex color **4D62B8** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B8A34D**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **8694F1**, and **003482** is the 20% darker color. If you saturate the color by 10%, you get **3B53B8**, and if you desaturate by 10%, it is **5F71B8**.

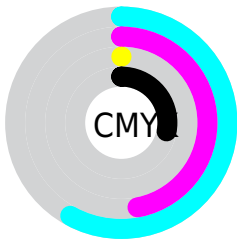
Distribution



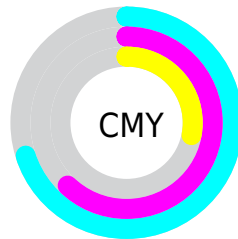
- Red (30%)
- Green (38%)
- Blue (72%)



- Red (30%)
- Yellow (37%)
- Blue (72%)



- Cyan (58%)
- Magenta (47%)
- Yellow (0%)
- Black (28%)



- Cyan (70%)
- Magenta (62%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D62B8 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 4D62B8 by changing the saturation by 10% instead.

■ 4D62B8

■ 4D62B8

FFFFFF

■ 2E4A9D

■ 8694F1

■ 003482

■ A2AFFF

■ 002069

■ BFCAFF

■ 000A50

■ DCE6FF

■ 000538

■ FAFFFF

■ 000222

■ 000007

■ 000000

■ 4D62B8

■ 4D62B8

■ 3B53B8

■ 5F71B8

■ 2844B8

■ 7280B8

■ 1636B8

■ 848EB8

■ 0327B8

■ 979DB8

■ 0024B8

■ A9ACB8

■ BBBBB8

■ CECAB8

■ E0D8B8

■ F3E7B8

Harmonies

Analogous

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



0071BC



4D62B8



8E4F9E

Triad

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



4D62B8



A54F26



007B59

Complementary

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



4D62B8



B8A34D

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.



27772E



4D62B8



876103

Square

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



4D62B8



B43F4C



606F07



007C85

Rectangle

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



4D62B8



A64385



606F07



007A4A

Sweetspot

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



4D62B8



C7CFF0



4DB8A3



606578



F7F7F7



787878

Same Dimension

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



4D62B8



4869F0



6D4DB8



53545C



001F9C



00061C

Inverse Universe

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



B84D62



F04869



98B84D



5C5354



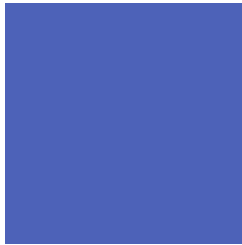
9C001F



1C0006

Previews

White Background



This preview shows how the Hex color 4D62B8 looks on a white background.

Color Contrast Check

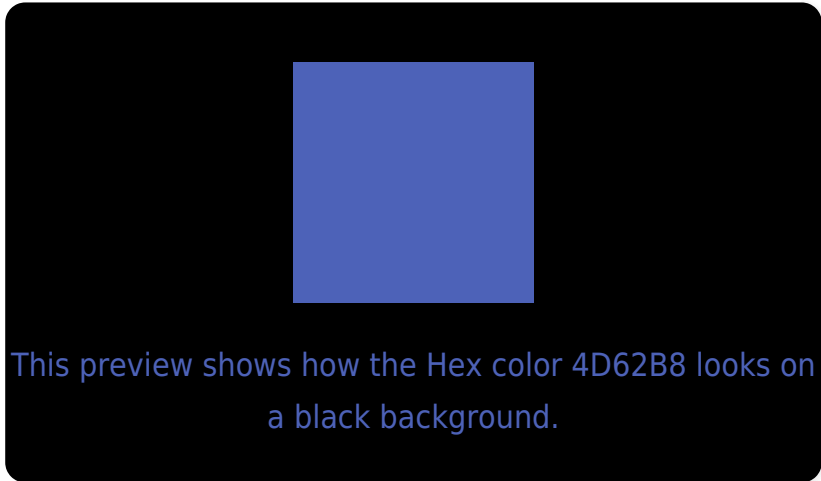
Large Text (above 18pt) WCAG AA ✓ Pass

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

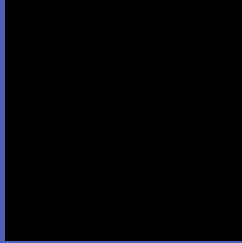
Any Text WCAG AA × Fail

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 4D62B8 Background



This preview shows how black text looks on a background with the Hex color 4D62B8.

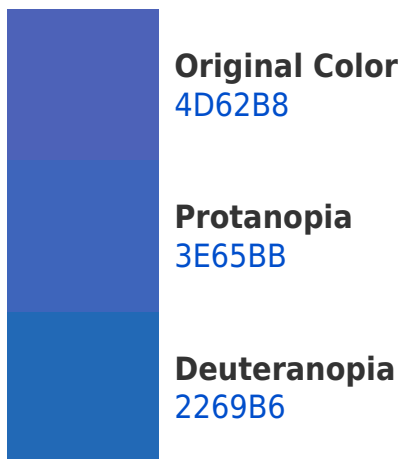


This preview shows how white text looks on a background with the Hex color 4D62B8.

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](#).

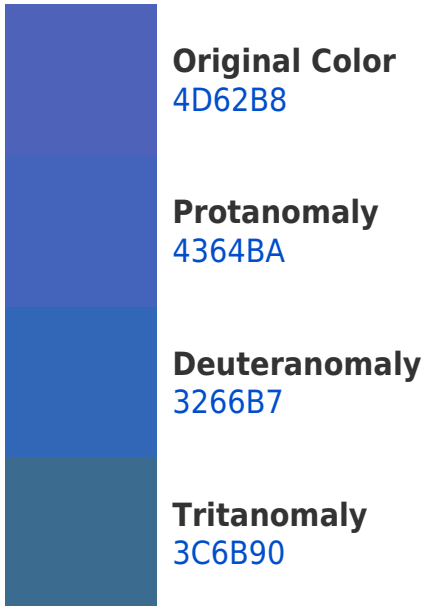
Dichromacy





Tritanopia
337079

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D62B8 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 #4D62B8 looks like.

```
.text, #text, p{  
    color:#4D62B8  
}
```

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 #4D62B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D62B8
}
```

Border

The CSS property to change the border of an element to Hex 4D62B8 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
#4D62B8 }
```

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

```
.border{ border-color:#4D62B8 }
```

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

Here you see how a box with a 4 pixel #4D62B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D62B8; -webkit-box-shadow:4px 4px  
4px 4px #4D62B8; box-shadow:4px 4px 4px  
4px #4D62B8 }
```

Background

The CSS property to change the background color of an element to Hex 4D62B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D62B8 }
```

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

```
.background{ background-color:#4D62B8 }
```

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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