

Converting Colors

Hex(4D5297)

Have a look what the booklet for
Hex(4D5297) contains.

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Color

Hex(4D5297)

Conversions

Conversions Part 1

Format	Color
Hex	4D5297
RGB	77, 82, 151
RGB Percent	30%, 32%, 59%
CMY	0.6980, 0.6784, 0.4078
CMYK	0.49, 0.46, 0.00, 0.41
HSL	236°, 32%, 45%
HSV	236°, 49%, 59%
XYZ	11.6638, 9.8467, 30.5640
YIQ	88.3710, -25.1290, 20.3990

Conversions

Conversions Part 2

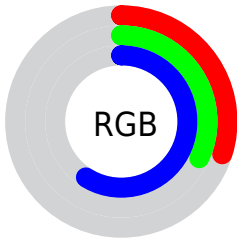
Format	Color
R_{YB}	77, 82, 151
Decimal	5067415
CIE _{Lab}	37.57, 17.58, -38.60
CIE _{LCh}	38, 42.412, 294.488
Yxy	9.8467, 0.2240, 0.1891
Android (android.graphics.Color)	4283257495 (0xFF4D5297)
YUV	88.3710, 30.8761, -9.9724
Hunter-Lab	31.3795, 11.4344, -35.7835

Details

The Hex color **4D5297** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **97924D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **8283CE**, and **142663** is the 20% darker color. If you saturate the color by 10%, you get **3E4497**, and if you desaturate by 10%, it is **5C6097**.

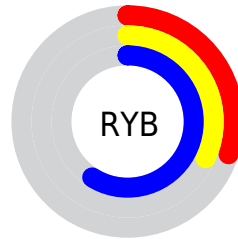
Distribution



Red (30%)

Green (32%)

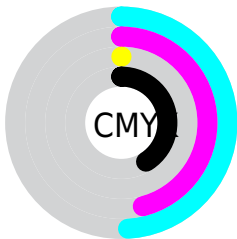
Blue (59%)



Red (30%)

Yellow (32%)

Blue (59%)

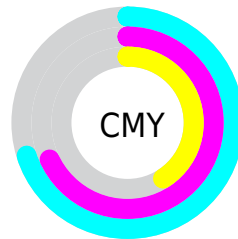


Cyan (49%)

Magenta (46%)

Yellow (0%)

Black (41%)



Cyan (70%)

Magenta (68%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D5297 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 4D5297 by changing the saturation by 10% instead.

■ 4D5297

■ 4D5297

FFFFFF

■ 323B7D

■ 8283CE

■ 142663

■ 9E9DEA

■ 00124B

■ BAB8FF

■ 000034

■ D6D4FF

■ 00021E

■ F3F0FF

■ 000000

■ 4D5297

■ 4D5297

■ 3E4497

■ 5C6097

■ 2F3697

■ 6B6E97

■ 202897

■ 7A7C97

■ 111A97

■ 898A97

■ 020C97

■ 999897

■ 000A97

■ A8A697

■ B7B597

■ C6C397

■ D5D197

Harmonies

Analogous

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



005E9D



4D5297



7C4381

Triad

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



4D5297



884720



006851

Complementary

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



4D5297



97924D

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.



20652E



4D5297



6F550C

Square

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



4D5297



953A3E



4F5F13



006874

Rectangle

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



4D5297



8D3B6C



4F5F13



006845

Sweetspot

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



4D5297



A7A9C4



4D9791



525363



E3E3E3



636363

Same Dimension

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



4D5297



5158C4



6C4D97



45454D



00098C



00010D

Inverse Universe

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



974D52



C45158



78974D



4D4545



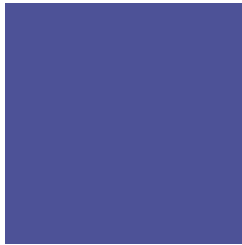
8C0009



0D0001

Previews

White Background



This preview shows how the Hex color 4D5297 looks on a white background.

Color Contrast Check

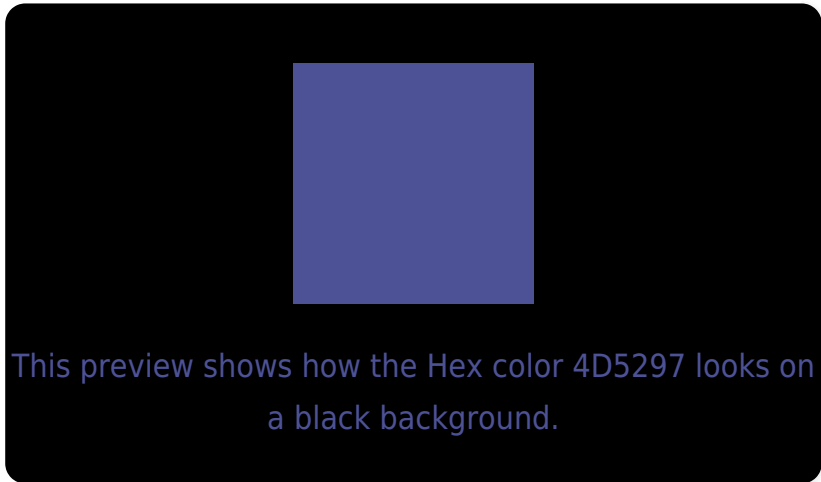
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D5297 Background



This preview shows how black text looks on a background with the Hex color 4D5297.

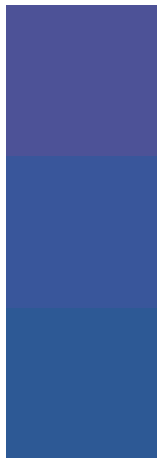


This preview shows how white text looks on a background with the Hex color 4D5297.

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
4D5297

Protanopia
39569B

Deuteranopia
2D5995



Tritanopia
3E5D65

Trichromacy



Original Color
4D5297

Protanomaly
40559A

Deuteranomaly
395696

Tritanomaly
435977

Monochromacy



Original Color
4D5297

Achromatopsia
585858

Achromatomaly
54566F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D5297 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 #4D5297 looks like.

```
.text, #text, p{  
    color:#4D5297  
}
```

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 #4D5297 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D5297
}
```

Border

The CSS property to change the border of an element to Hex 4D5297 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
#4D5297 }
```

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

```
.border{ border-color:#4D5297 }
```

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

Here you see how a box with a 4 pixel #4D5297 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D5297; -webkit-box-shadow:4px 4px  
4px 4px #4D5297; box-shadow:4px 4px 4px  
4px #4D5297 }
```

Background

The CSS property to change the background color of an element to Hex 4D5297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D5297 }
```

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

```
.background{ background-color:#4D5297 }
```

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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