

Converting Colors

Hex(5D2499)

Have a look what the booklet for
Hex(5D2499) contains.

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Color

Hex(5D2499)

Conversions

Conversions Part 1

Format	Color
Hex	5D2499
RGB	93, 36, 153
RGB Percent	36%, 14%, 60%
CMY	0.6353, 0.8588, 0.4000
CMYK	0.39, 0.76, 0.00, 0.40
HSL	269°, 62%, 37%
HSV	269°, 76%, 60%
XYZ	10.8948, 5.8888, 30.6994
YIQ	66.3810, -3.5850, 48.4710

Conversions

Conversions Part 2

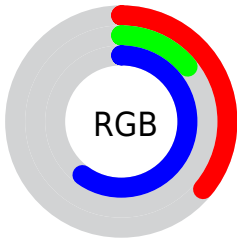
Format	Color
R_{YB}	93, 36, 153
Decimal	6104217
CIE _{Lab}	29.13, 48.36, -53.33
CIE _{LCh}	29, 71.993, 312.197
Yxy	5.8888, 0.2294, 0.1240
Android (android.graphics.Color)	4284294297 (0xFF5D2499)
YUV	66.3810, 42.7032, 23.3449
Hunter-Lab	24.2669, 37.6722, -58.0195

Details

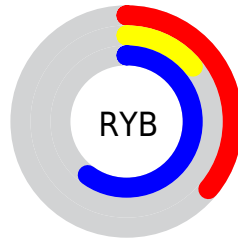
The Hex color **5D2499** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **609924**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **9457D0**, and **240065** is the 20% darker color. If you saturate the color by 10%, you get **551599**, and if you desaturate by 10%, it is **653399**.

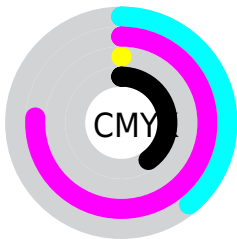
Distribution



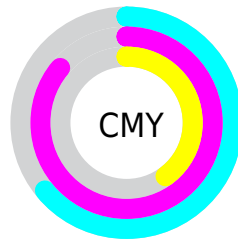
- Red (36%)
- Green (14%)
- Blue (60%)



- Red (36%)
- Yellow (14%)
- Blue (60%)



- Cyan (39%)
- Magenta (76%)
- Yellow (0%)
- Black (40%)



- Cyan (64%)
- Magenta (86%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D2499 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 5D2499 by changing the saturation by 10% instead.

■ 5D2499

■ 5D2499

FFFFFF

■ 41067E

■ 9457D0

■ 240065

■ B171ED

■ 07004C

■ CD8BFF

■ 000334

■ EBA6FF

■ 00021E

■ FFC2FF

■ 000000

■ FFDEFF

■ FFFBFF

■ 5D2499

■ 5D2499

■ 551599

■ 653399

■ 4D0599

■ 6D4399

■ 4B0099

■ 755299

■ 7C6199

■ 847199

■ 8C8099

■ 948F99

■ 9C9E99

■ A4AE99

Harmonies

Analogous

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



0046B5



5D2499



930068

Triad

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



5D2499



6F3500



00595B

Complementary

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



5D2499



609924

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.



00581F



5D2499



404A00

Square

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



5D2499



910000



005300



005A90

Rectangle

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



5D2499



9F0043



005300



005948

Sweetspot

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



5D2499



AF99C7



246099



554863



E3E3E3



636363

Same Dimension

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



5D2499



6910C7



972499



49454D



44008C



06000D

Inverse Universe

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



992460



C7106E



269924



4D4549



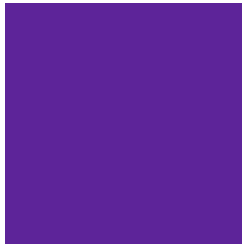
8C0048



0D0007

Previews

White Background



This preview shows how the Hex color 5D2499 looks on a white background.

Color Contrast Check

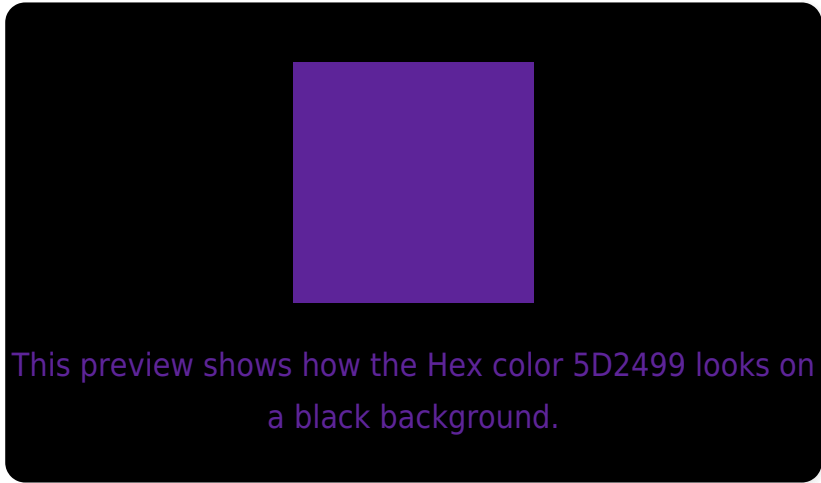
Large Text (above 18pt) WCAG AA ✓ Pass

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

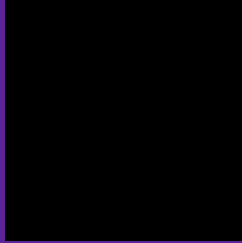
Any Text WCAG AA × Fail

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 5D2499 Background



This preview shows how black text looks on a background with the Hex color 5D2499.



This preview shows how white text looks on a background with the Hex color 5D2499.

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](#).

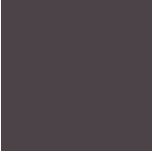
Dichromacy



Original Color
5D2499

Protanopia
00438D

Deuteranopia
00477A



Tritanopia
4C4348

Trichromacy



Original Color
5D2499



Protanomaly
223891



Deuteranomaly
223A85



Tritanomaly
523865

Monochromacy



Original Color
5D2499



Achromatopsia
424242



Achromatomaly
4C3762

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D2499 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 #5D2499 looks like.

```
.text, #text, p{  
    color:#5D2499  
}
```

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 #5D2499 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D2499
}
```

Border

The CSS property to change the border of an element to Hex 5D2499 is called "border". The border property can be set on classes, ids or directly on the HTML element.

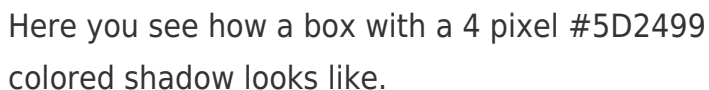
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D2499 }
```

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

```
.border{ border-color:#5D2499 }
```

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



Here you see how a box with a 4 pixel #5D2499 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D2499; -webkit-box-shadow:4px 4px  
4px 4px #5D2499; box-shadow:4px 4px 4px  
4px #5D2499 }
```

Background

The CSS property to change the background color of an element to Hex 5D2499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D2499 }
```

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

```
.background{ background-color:#5D2499 }
```

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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