

Converting Colors

Hex(52297D)

Have a look what the booklet for
Hex(52297D) contains.

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Color

Hex(52297D)

Conversions

Conversions Part 1

Format	Color
Hex	52297D
RGB	82, 41, 125
RGB Percent	32%, 16%, 49%
CMY	0.6784, 0.8392, 0.5098
CMYK	0.34, 0.67, 0.00, 0.51
HSL	269°, 51%, 33%
HSV	269°, 67%, 49%
XYZ	7.9743, 4.8604, 19.9199
YIQ	62.8350, -2.5280, 34.8160

Conversions

Conversions Part 2

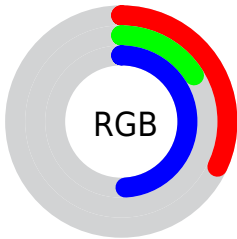
Format	Color
R_{YB}	82, 41, 125
Decimal	5384573
CIE _{Lab}	26.33, 36.42, -40.55
CIE _{LCh}	26, 54.501, 311.927
Yxy	4.8604, 0.2435, 0.1484
Android (android.graphics.Color)	4283574653 (0xFF52297D)
YUV	62.8350, 30.6473, 16.8077
Hunter-Lab	22.0463, 25.9836, -38.1390

Details

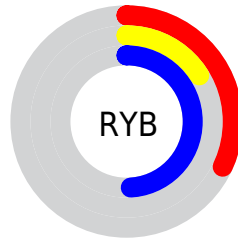
The Hex color **52297D** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **547D29**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **8759B2**, and **1E004B** is the 20% darker color. If you saturate the color by 10%, you get **4C1D7D**, and if you desaturate by 10%, it is **58367D**.

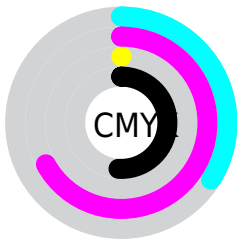
Distribution



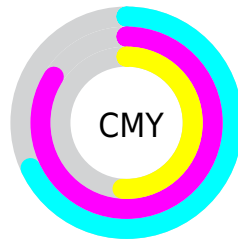
- Red (32%)
- Green (16%)
- Blue (49%)



- Red (32%)
- Yellow (16%)
- Blue (49%)



- Cyan (34%)
- Magenta (67%)
- Yellow (0%)
- Black (51%)



- Cyan (68%)
- Magenta (84%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52297D 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 52297D by changing the saturation by 10% instead.

■ 52297D

■ 52297D

FFFFFF

■ 381164

■ 8759B2

■ 1E004B

■ A272CE

■ 010034

■ BE8CEB

■ 00021E

■ DAA7FF

■ 000000

■ F7C3FF

■ FFDFFF

■ FFFCFF

■ 52297D

■ 52297D

■ 4C1D7D

■ 58367D

■ 45107D

■ 5F427D

■ 3F047D

■ 654F7D

■ 3D007D

■ 6C5B7D

■ 72687D

■ 78747D

■ 7F817D

■ 858D7D

■ 8C9A7D

Harmonies

Analogous

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



003F91



52297D



790259

Triad

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



52297D



613300



004F4E

Complementary

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



52297D



547D29

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.



004E23



52297D



3F4200

Square

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



52297D



7A1905



014A00



004F76

Rectangle

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



52297D



83003E



014A00



004F40

Sweetspot

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



52297D



9283A3



29547D



483E52



D1D1D1



525252

Same Dimension

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



52297D



601FA3



7C297D



3C3940



3E0080



000000

Inverse Universe

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



7D2954



A31F63



2A7D29



40393D



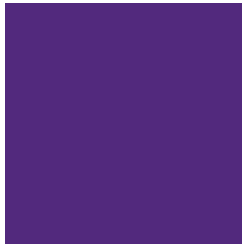
800041



000000

Previews

White Background



This preview shows how the Hex color 52297D 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

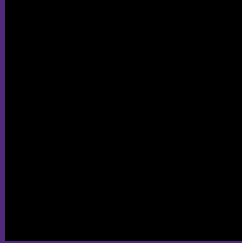
Any Text WCAG AA × Fail

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 52297D Background



This preview shows how black text looks on a background with the Hex color 52297D.



This preview shows how white text looks on a background with the Hex color 52297D.

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](#).

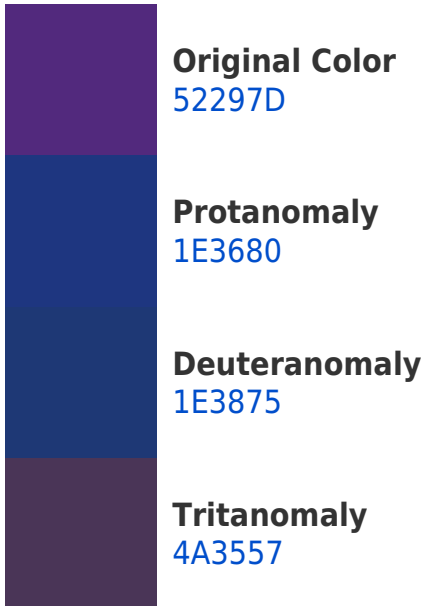
Dichromacy



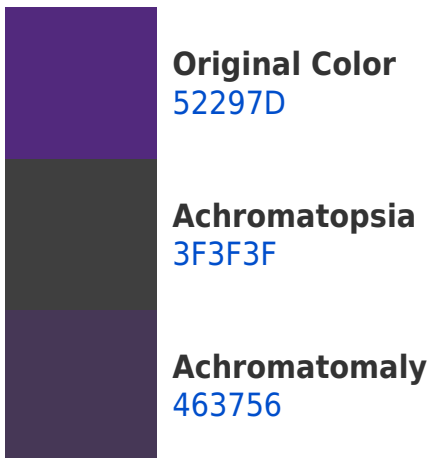


Tritanopia
463C41

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 52297D 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 #52297D looks like.

```
.text, #text, p{  
    color:#52297D  
}
```

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 #52297D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52297D
}
```

Border

The CSS property to change the border of an element to Hex 52297D is called "border". The border property can be set on classes, ids or directly on the HTML element.

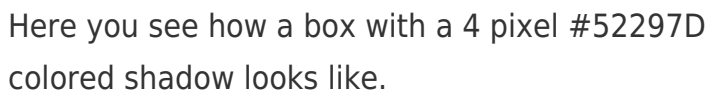
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#52297D }
```

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

```
.border{ border-color:#52297D }
```

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



Here you see how a box with a 4 pixel #52297D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52297D; -webkit-box-shadow:4px 4px  
4px 4px #52297D; box-shadow:4px 4px 4px  
4px #52297D }
```

Background

The CSS property to change the background color of an element to Hex 52297D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52297D }
```

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

```
.background{ background-color:#52297D }
```

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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