

Converting Colors

Hex(52037D)

Have a look what the booklet for
Hex(52037D) contains.

Hex(52037D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(52037D)

Conversions

Conversions Part 1

Format	Color
Hex	52037D
RGB	82, 3, 125
RGB Percent	32%, 1%, 49%
CMY	0.6784, 0.9882, 0.5098
CMYK	0.34, 0.98, 0.00, 0.51
HSL	279°, 95%, 25%
HSV	279°, 98%, 49%
XYZ	7.2139, 3.3396, 19.6664
YIQ	40.5290, 7.9220, 54.6900

Conversions

Conversions Part 2

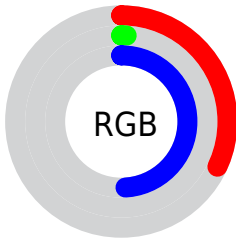
Format	Color
R_{YB}	82, 3, 125
Decimal	5374845
CIE _{Lab}	21.36, 50.68, -48.65
CIE _{LCh}	21, 70.250, 316.173
Yxy	3.3396, 0.2387, 0.1105
Android (android.graphics.Color)	4283564925 (0xFF52037D)
YUV	40.5290, 41.6442, 36.3701
Hunter-Lab	18.2747, 38.4821, -51.0132

Details

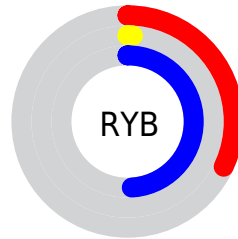
The Hex color **52037D** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2E7D03**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **883FB3**, and **1F004B** is the 20% darker color. If you saturate the color by 10%, you get **51007D**, and if you desaturate by 10%, it is **56107D**.

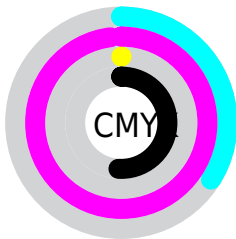
Distribution



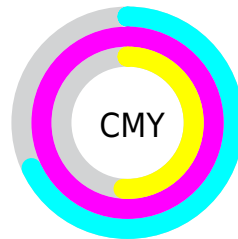
- Red (32%)
- Green (1%)
- Blue (49%)



- Red (32%)
- Yellow (1%)
- Blue (49%)



- Cyan (34%)
- Magenta (98%)
- Yellow (0%)
- Black (51%)



- Cyan (68%)
- Magenta (99%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52037D 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 52037D by changing the saturation by 10% instead.

■ 52037D

■ 52037D

FFFFFF

■ 370063

■ 883FB3

■ 1F004B

■ A459CE

■ 000033

■ C173EB

■ 00021D

■ DE8EFF

■ 000000

■ FBAAFF

■ FFC6FF

■ FFE2FF

■ 52037D

■ 52037D

■ 51007D

■ 56107D

■ 5B1C7D

■ 5F297D

■ 64357D

■ 68427D

■ 6C4E7D

■ 715A7D

■ 75677D

■ 7A747D

Harmonies

Analogous

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



00329B



52037D



7E004E

Triad

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



52037D



532800



00454F

Complementary

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



52037D



2E7D03

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.



004418



52037D



253A00

Square

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



52037D



740000



004100



00467F

Rectangle

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



52037D



86002C



004100



00453D

Sweetspot

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



52037D



9374A3



03307D



483552



D1D1D1



525252

Same Dimension

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



52037D



6A00A3



7D036D



3E3940



530080



000000

Inverse Universe

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



7D032E



A3003A



037D13



40393C



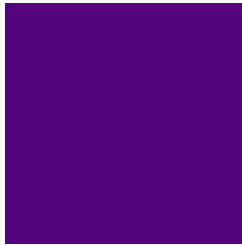
80002D



000000

Previews

White Background



This preview shows how the Hex color 52037D looks on a white background.

Color Contrast Check

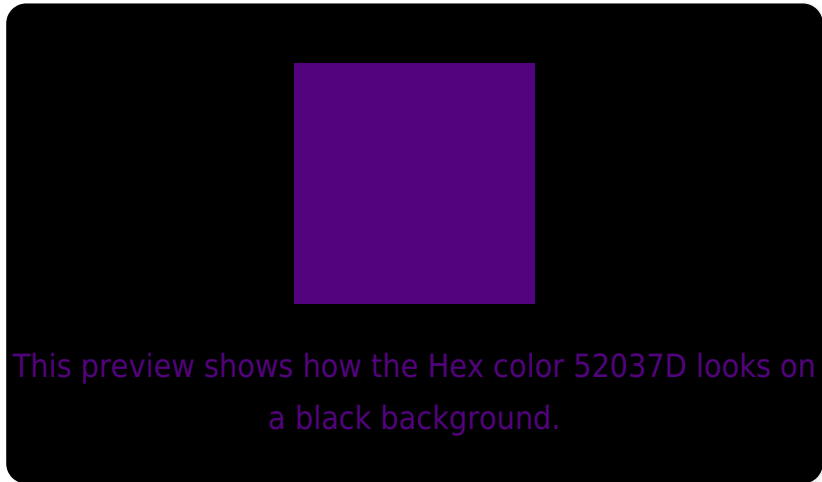
Large Text (above 18pt) WCAG AA ✓ Pass

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

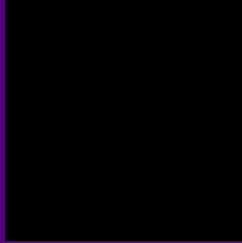
Any Text WCAG AA × Fail

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 52037D Background



This preview shows how black text looks on a background with the Hex color 52037D.

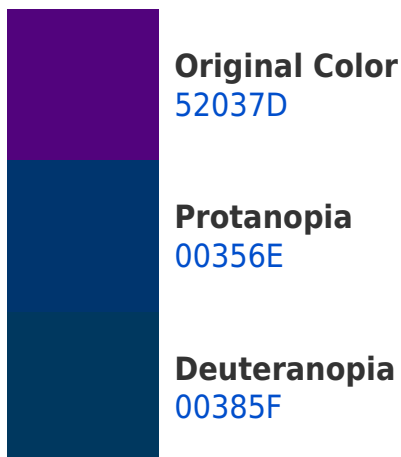


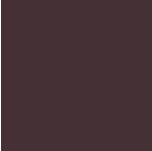
This preview shows how white text looks on a background with the Hex color 52037D.

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
453135

Trichromacy



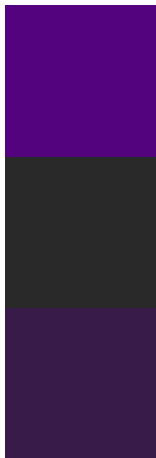
Original Color
52037D

Protanomaly
1E2373

Deuteranomaly
1E256A

Tritanomaly
4A204F

Monochromacy



Original Color
52037D

Achromatopsia
292929

Achromatomaly
381B48

CSS Examples

Text

The CSS property to change the color of the text to Hex 52037D 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 #52037D looks like.

```
.text, #text, p{  
    color:#52037D  
}
```

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 #52037D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52037D  
}
```

Border

The CSS property to change the border of an element to Hex 52037D 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  
#52037D }
```

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

```
.border{ border-color:#52037D }
```

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

Here you see how a box with a 4 pixel #52037D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52037D; -webkit-box-shadow:4px 4px  
4px 4px #52037D; box-shadow:4px 4px 4px  
4px #52037D }
```

Background

The CSS property to change the background color of an element to Hex 52037D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52037D }
```

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

```
.background{ background-color:#52037D }
```

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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