

Converting Colors

Hex(52077C)

Have a look what the booklet for
Hex(52077C) contains.

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Color

Hex(52077C)

Conversions

Conversions Part 1

Format	Color
Hex	52077C
RGB	82, 7, 124
RGB Percent	32%, 3%, 49%
CMY	0.6784, 0.9725, 0.5137
CMYK	0.34, 0.94, 0.00, 0.51
HSL	278°, 89%, 26%
HSV	278°, 94%, 49%
XYZ	7.1937, 3.4010, 19.3461
YIQ	42.7630, 7.1430, 52.2870

Conversions

Conversions Part 2

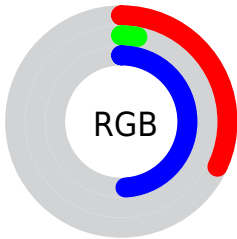
Format	Color
R_{YB}	82, 7, 124
Decimal	5375868
CIE _{Lab}	21.58, 49.50, -47.64
CIE _{LCh}	22, 68.701, 316.100
Yxy	3.4010, 0.2403, 0.1136
Android (android.graphics.Color)	4283565948 (0xFF52077C)
YUV	42.7630, 40.0498, 34.4108
Hunter-Lab	18.4419, 37.3553, -49.2877

Details

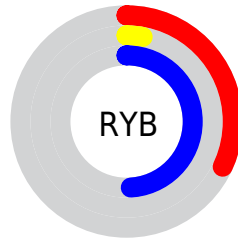
The Hex color **52077C** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **317C07**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **8841B2**, and **1F004A** is the 20% darker color. If you saturate the color by 10%, you get **4F007C**, and if you desaturate by 10%, it is **56137C**.

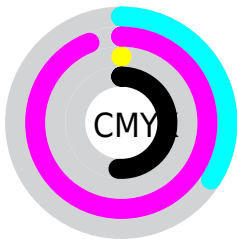
Distribution



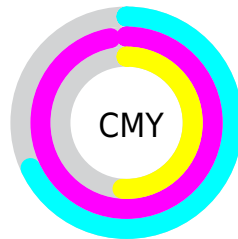
- Red (32%)
- Green (3%)
- Blue (49%)



- Red (32%)
- Yellow (3%)
- Blue (49%)



- Cyan (34%)
- Magenta (94%)
- Yellow (0%)
- Black (51%)



- Cyan (68%)
- Magenta (97%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52077C 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 52077C by changing the saturation by 10% instead.

■ 52077C

■ 52077C

FFFFFF

■ 370062

■ 8841B2

■ 1F004A

■ A45BCD

■ 000032

■ C075EA

■ 00021C

■ DD90FF

■ 000000

■ FBABFF

■ FFC7FF

■ FFE4FF

■ 52077C

■ 52077C

■ 4F007C

■ 56137C

■ 5B207C

■ 5F2C7C

■ 64397C

■ 68457C

■ 6D517C

■ 715E7C

■ 766A7C

■ 7A777C

Harmonies

Analogous

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



003399



52077C



7D004E

Triad

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



52077C



542900



00464F

Complementary

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



52077C



317C07

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.



004419



52077C



263A00

Square

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



52077C



740000



004100



00467E

Rectangle

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



52077C



85002C



004100



00453D

Sweetspot

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



52077C



9174A1



07327C



483652



D1D1D1



525252

Same Dimension

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



52077C



6700A1



7C076C



3B373D



50007D



A200FC

Inverse Universe

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



7C0731



A1003A



077C17



3D3739



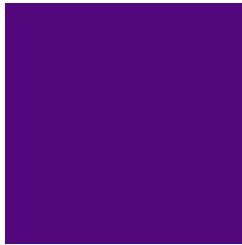
7D002D



FC005B

Previews

White Background



This preview shows how the Hex color 52077C looks on a white background.

Color Contrast Check

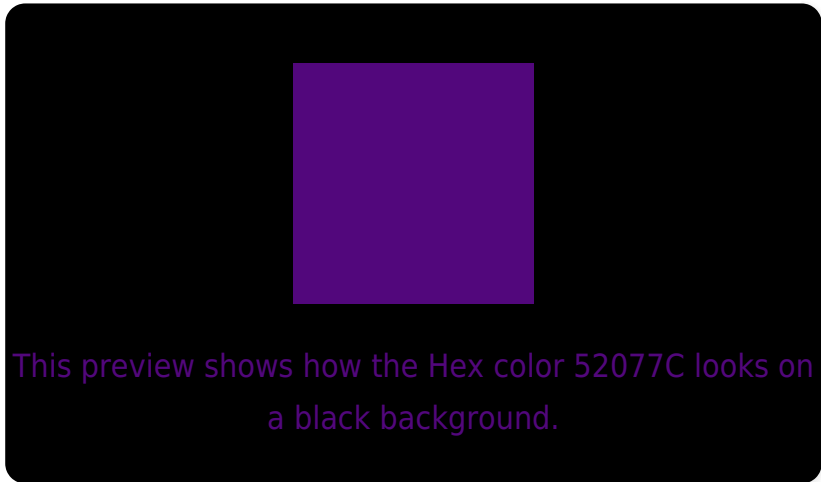
Large Text (above 18pt) WCAG AA ✓ Pass

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

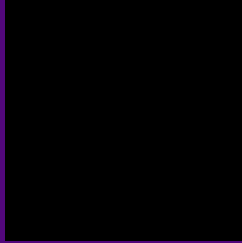
Any Text WCAG AA × Fail

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 52077C Background



This preview shows how black text looks on a background with the Hex color 52077C.



This preview shows how white text looks on a background with the Hex color 52077C.

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](#).

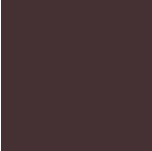
Dichromacy



Original Color
52077C

Protanopia
00356E

Deuteranopia
00385F



Tritanopia
453134

Trichromacy



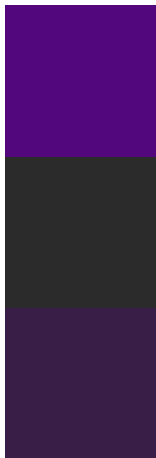
Original Color
52077C

Protanomaly
1E2473

Deuteranomaly
1E266A

Tritanomaly
4A224E

Monochromacy



Original Color
52077C

Achromatopsia
2B2B2B

Achromatomaly
391E48

CSS Examples

Text

The CSS property to change the color of the text to Hex 52077C 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 #52077C looks like.

```
.text, #text, p{  
    color:#52077C  
}
```

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 #52077C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52077C
}
```

Border

The CSS property to change the border of an element to Hex 52077C is called "border". The border property can be set on classes, ids or directly on the HTML element.

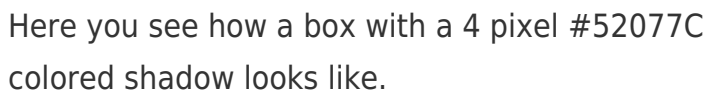
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#52077C }
```

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

```
.border{ border-color:#52077C }
```

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



Here you see how a box with a 4 pixel #52077C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52077C; -webkit-box-shadow:4px 4px  
4px 4px #52077C; box-shadow:4px 4px 4px  
4px #52077C }
```

Background

The CSS property to change the background color of an element to Hex 52077C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52077C }
```

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

```
.background{ background-color:#52077C }
```

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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