

Converting Colors

Hex(38257D)

Have a look what the booklet for
Hex(38257D) contains.

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Color

Hex(38257D)

Conversions

Conversions Part 1

Format	Color
Hex	38257D
RGB	56, 37, 125
RGB Percent	22%, 15%, 49%
CMY	0.7804, 0.8549, 0.5098
CMYK	0.55, 0.70, 0.00, 0.51
HSL	253°, 54%, 32%
HSV	253°, 70%, 49%
XYZ	5.9941, 3.6446, 19.7896
YIQ	52.7130, -16.9240, 31.3960

Conversions

Conversions Part 2

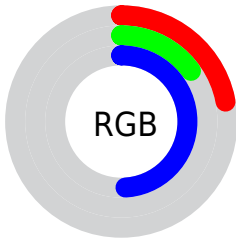
Format	Color
R_{YB}	56, 37, 125
Decimal	3679613
CIE _{Lab}	22.46, 33.25, -46.98
CIE _{LCh}	22, 57.553, 305.286
Yxy	3.6446, 0.2037, 0.1238
Android (android.graphics.Color)	4281869693 (0xFF38257D)
YUV	52.7130, 35.6375, 2.8827
Hunter-Lab	19.0907, 22.6369, -48.0969

Details

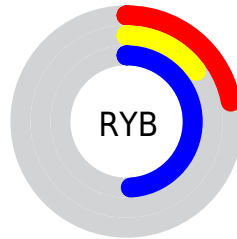
The Hex color **38257D** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **6A7D25**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **6E53B2**, and **00004B** is the 20% darker color. If you saturate the color by 10%, you get **2E187D**, and if you desaturate by 10%, it is **42317D**.

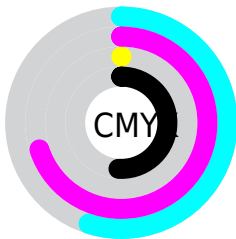
Distribution



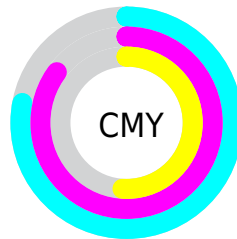
- Red (22%)
- Green (15%)
- Blue (49%)



- Red (22%)
- Yellow (15%)
- Blue (49%)



- Cyan (55%)
- Magenta (70%)
- Yellow (0%)
- Black (51%)



- Cyan (78%)
- Magenta (85%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38257D 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 38257D by changing the saturation by 10% instead.

■ 38257D

■ 38257D

FFFFFF

■ 1A0F63

■ 6E53B2

■ 00004B

■ 896CCE

■ 000433

■ A586EB

■ 00021D

■ C1A0FF

■ 000000

■ DEBBFF

■ FBD7FF

■ FFF4FF

■ 38257D

■ 38257D

■ 2E187D

■ 42317D

■ 240C7D

■ 4C3E7D

■ 1B007D

■ 554A7D

■ 5F577D

■ 69637D

■ 73707D

■ 7D7D7D

■ 86897D

■ 90957D

Harmonies

Analogous

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



003A8D



38257D



6C005A

Triad

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



38257D



5E2400



00463D

Complementary

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



38257D



6A7D25

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.



00440D



38257D



3C3700

Square

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



38257D



750002



044000



004667

Rectangle

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



38257D



7A003E



044000



00452D

Sweetspot

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



38257D



8881A3



256B7D



423D52



D1D1D1



525252

Same Dimension

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



38257D



381AA3



63257D



3B3940



1C0080



000000

Inverse Universe

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



7D256A



A31A86



3F7D25



40393E



800064



000000

Previews

White Background



This preview shows how the Hex color 38257D looks on a white background.

Color Contrast Check

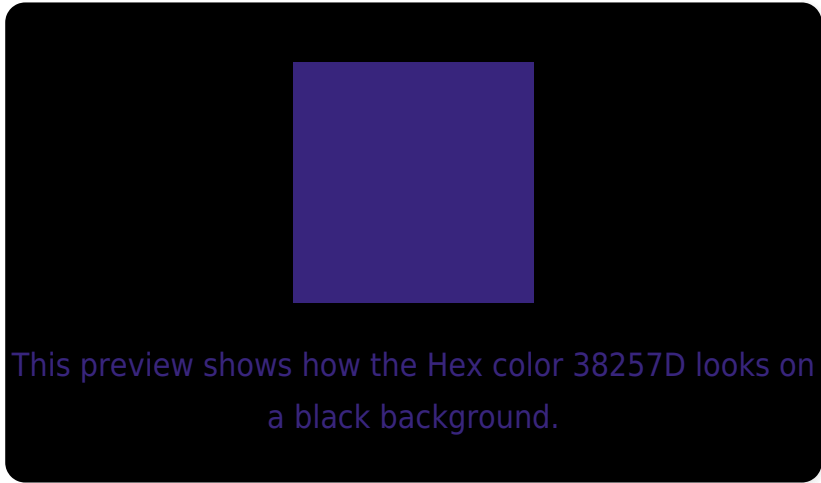
Large Text (above 18pt) WCAG AA ✓ Pass

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

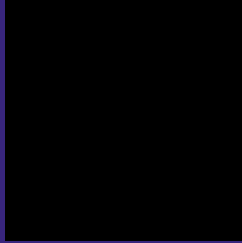
Any Text WCAG AA × Fail

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 38257D Background



This preview shows how black text looks on a background with the Hex color 38257D.



This preview shows how white text looks on a background with the Hex color 38257D.

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
38257D

Protanopia
00346E

Deuteranopia
00385F



Tritanopia
223A3F

Trichromacy



Original Color
38257D

Protanomaly
142F73

Deuteranomaly
14316A

Tritanomaly
2A3256

Monochromacy



Original Color
38257D

Achromatopsia
353535

Achromatomaly
362F4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 38257D 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 #38257D looks like.

```
.text, #text, p{  
    color:#38257D  
}
```

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 #38257D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38257D
}
```

Border

The CSS property to change the border of an element to Hex 38257D 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
#38257D }
```

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

```
.border{ border-color:#38257D }
```

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

Here you see how a box with a 4 pixel #38257D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38257D; -webkit-box-shadow:4px 4px  
4px 4px #38257D; box-shadow:4px 4px 4px  
4px #38257D }
```

Background

The CSS property to change the background color of an element to Hex 38257D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38257D }
```

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

```
.background{ background-color:#38257D }
```

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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