

Converting Colors

Hex(53387D)

Have a look what the booklet for
Hex(53387D) contains.

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Color

Hex(53387D)

Conversions

Conversions Part 1

Format	Color
Hex	53387D
RGB	83, 56, 125
RGB Percent	33%, 22%, 49%
CMY	0.6745, 0.7804, 0.5098
CMYK	0.34, 0.55, 0.00, 0.51
HSL	263°, 38%, 35%
HSV	263°, 55%, 49%
XYZ	8.6831, 6.1480, 20.1311
YIQ	71.9390, -6.0570, 27.1830

Conversions

Conversions Part 2

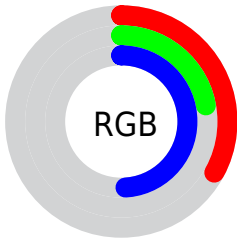
Format	Color
R_{YB}	83, 56, 125
Decimal	5453949
CIE _{Lab}	29.78, 27.85, -35.00
CIE _{LCh}	30, 44.729, 308.509
Yxy	6.1480, 0.2484, 0.1758
Android (android.graphics.Color)	4283644029 (0xFF53387D)
YUV	71.9390, 26.1591, 9.7005
Hunter-Lab	24.7952, 19.1180, -30.7806

Details

The Hex color **53387D** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **627D38**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **8768B2**, and **210C4B** is the 20% darker color. If you saturate the color by 10%, you get **4B2C7D**, and if you desaturate by 10%, it is **5B457D**.

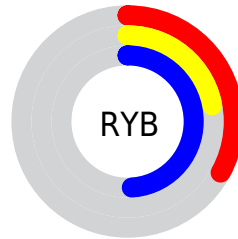
Distribution



Red (33%)

Green (22%)

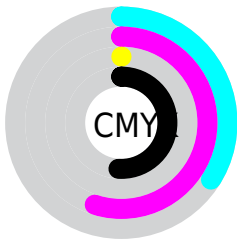
Blue (49%)



Red (33%)

Yellow (22%)

Blue (49%)

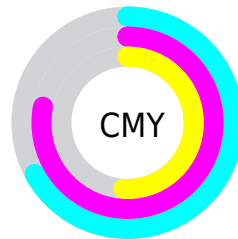


Cyan (34%)

Magenta (55%)

Yellow (0%)

Black (51%)



Cyan (67%)

Magenta (78%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53387D 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 53387D by changing the saturation by 10% instead.

■ 53387D

■ 53387D

FFFFFF

■ 3A2264

■ 8768B2

■ 210C4B

■ A281CE

■ 0F0035

■ BE9BEA

■ 00021E

■ DAB7FF

■ 000000

■ F7D2FF

■ FFEFFF

■ 53387D

■ 53387D

■ 4B2C7D

■ 5B457D

■ 441F7D

■ 62517D

■ 3C137D

■ 6A5E7D

■ 35067D

■ 716A7D

■ 31007D

■ 79777D

■ 81837D

■ 88907D

■ 909C7D

■ 97A97D

Harmonies

Analogous

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



00478B



53387D



772660

Triad

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



53387D



693B00



00564F

Complementary

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



53387D



627D38

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.



00542B



53387D



4D4800

Square

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



53387D



7D2B1D



265006



005571

Rectangle

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



53387D



811F49



265006



005543

Sweetspot

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



53387D



9287A3



38637D



484152



D1D1D1



525252

Same Dimension

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



53387D



6237A3



75387D



3C3940



320080



000000

Inverse Universe

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



7D3862



A33779



407D38



40393D



80004E



000000

Previews

White Background



This preview shows how the Hex color 53387D looks on a white background.

Color Contrast Check

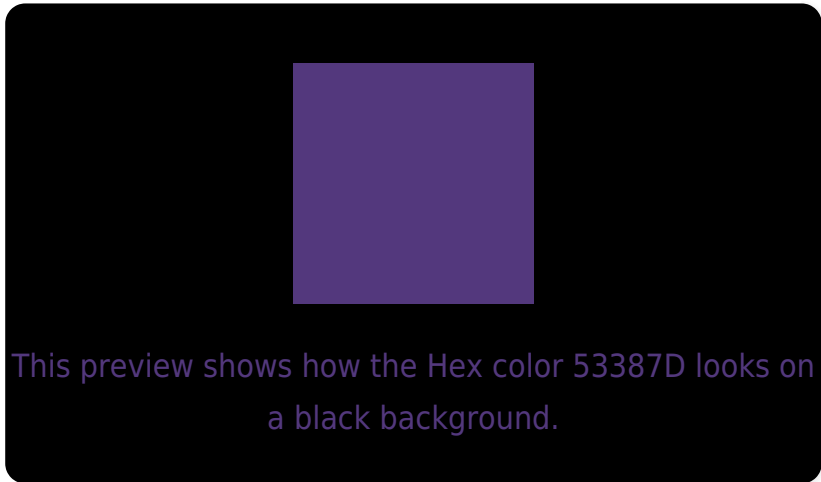
Large Text (above 18pt) WCAG AA ✓ Pass

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

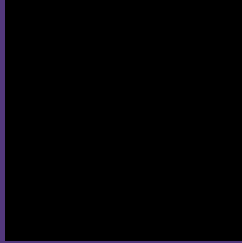
Any Text WCAG AA × Fail

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 53387D Background



This preview shows how black text looks on a background with the Hex color 53387D.



This preview shows how white text looks on a background with the Hex color 53387D.

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
53387D

Protanopia
1C4489

Deuteranopia
1E477A



Tritanopia
49454B

Trichromacy



Original Color
53387D

Protanomaly
304085

Deuteranomaly
31427B

Tritanomaly
4D405D

Monochromacy



Original Color
53387D

Achromatopsia
484848

Achromatomaly
4C425B

CSS Examples

Text

The CSS property to change the color of the text to Hex 53387D 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 #53387D looks like.

```
.text, #text, p{  
    color:#53387D  
}
```

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 #53387D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53387D
}
```

Border

The CSS property to change the border of an element to Hex 53387D 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
#53387D }
```

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

```
.border{ border-color:#53387D }
```

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

Here you see how a box with a 4 pixel #53387D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53387D; -webkit-box-shadow:4px 4px  
4px 4px #53387D; box-shadow:4px 4px 4px  
4px #53387D }
```

Background

The CSS property to change the background color of an element to Hex 53387D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53387D }
```

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

```
.background{ background-color:#53387D }
```

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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