

Converting Colors

Hex(50133D)

Have a look what the booklet for
Hex(50133D) contains.

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Color

Hex(50133D)

Conversions

Conversions Part 1

Format	Color
Hex	50133D
RGB	80, 19, 61
RGB Percent	31%, 7%, 24%
CMY	0.6863, 0.9255, 0.7608
CMYK	0.00, 0.76, 0.24, 0.69
HSL	319°, 62%, 19%
HSV	319°, 76%, 31%
XYZ	4.3834, 2.5081, 4.6680
YIQ	42.0270, 22.8740, 25.9940

Conversions

Conversions Part 2

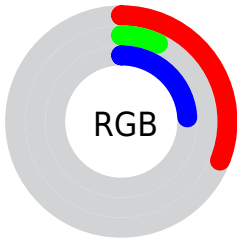
Format	Color
R_{YB}	80, 19, 61
Decimal	5247805
CIE _{Lab}	17.96, 32.95, -11.45
CIE _{LCh}	18, 34.881, 340.830
Yxy	2.5081, 0.3792, 0.2170
Android (android.graphics.Color)	4283437885 (0xFF50133D)
YUV	42.0270, 9.3537, 33.3023
Hunter-Lab	15.8371, 21.6908, -6.3897

Details

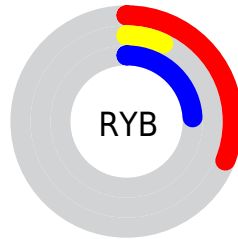
The Hex color **50133D** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **135026**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **84446D**, and **220012** is the 20% darker color. If you saturate the color by 10%, you get **500B3B**, and if you desaturate by 10%, it is **501B3F**.

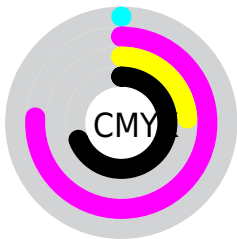
Distribution



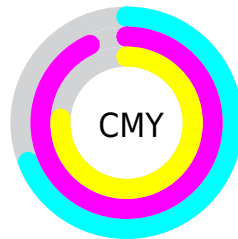
- Red (31%)
- Green (7%)
- Blue (24%)



- Red (31%)
- Yellow (7%)
- Blue (24%)



- Cyan (0%)
- Magenta (76%)
- Yellow (24%)
- Black (69%)



- Cyan (69%)
- Magenta (93%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50133D 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 50133D by changing the saturation by 10% instead.

 50133D

 50133D

FFFFFF

 370027

 84446D

 220012

 9E5C86

 000000

 BA76A0

 D690BB

 F3ABD7

 FFC7F3

 FFE3FF

 50133D

 50133D

■ 500B3B

■ 501B3F

■ 500338

■ 502342

■ 500037

■ 502B44

■ 503347

■ 503B49

■ 50434C

■ 504B4E

■ 505351

■ 505B53

Harmonies

Analogous

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



382152



50133D



580E24

Triad

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



50133D



2F2E00



00364C

Complementary

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



50133D



135026

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.



003735



50133D



133300

Square

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



50133D



442500



00361A



00335C

Rectangle

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



50133D



551414



00361A



003745

Sweetspot

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



50133D



695161



251350



362731



B5B5B5



363636

Same Dimension

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



50133D



69084B



50131F



292528



690048



E800A0

Inverse Universe

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



50133D



69084B



135044



292528



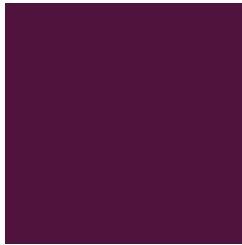
690048



E800A0

Previews

White Background



This preview shows how the Hex color 50133D looks on a white background.

Color Contrast Check

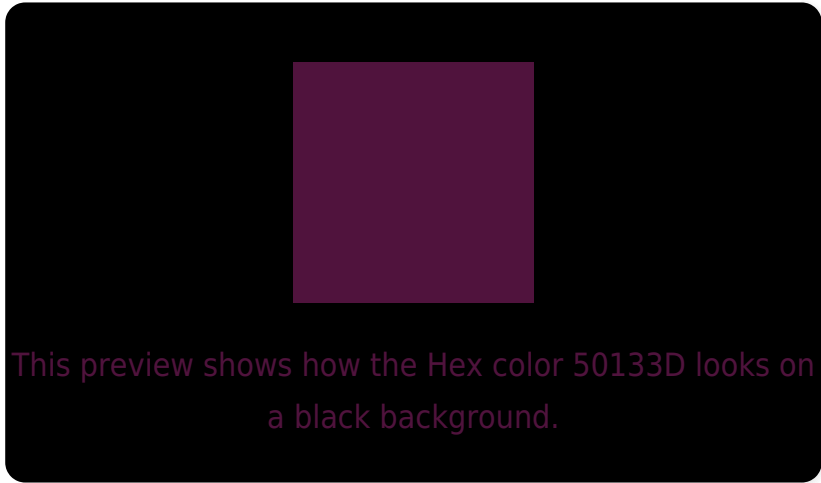
Large Text (above 18pt) WCAG AA ✓ Pass

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

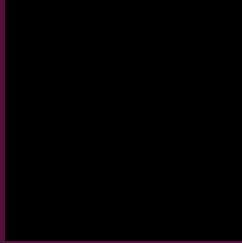
Any Text WCAG AA × Fail

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 50133D Background



This preview shows how black text looks on a background with the Hex color 50133D.



This preview shows how white text looks on a background with the Hex color 50133D.

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
50133D

Protanopia
1D2D51

Deuteranopia
2C2D3A



Tritanopia
4E1D1F

Trichromacy



Original Color
50133D

Protanomaly
30244A

Deuteranomaly
39243B

Tritanomaly
4F192A

Monochromacy



Original Color
50133D

Achromatopsia
2A2A2A

Achromatomaly
382231

CSS Examples

Text

The CSS property to change the color of the text to Hex 50133D 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 #50133D looks like.

```
.text, #text, p{  
    color:#50133D  
}
```

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 #50133D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50133D
}
```

Border

The CSS property to change the border of an element to Hex 50133D is called "border". The border property can be set on classes, ids or directly on the HTML element.

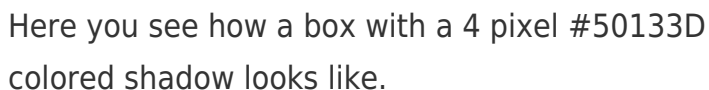
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#50133D }
```

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

```
.border{ border-color:#50133D }
```

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



Here you see how a box with a 4 pixel #50133D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50133D; -webkit-box-shadow:4px 4px  
4px 4px #50133D; box-shadow:4px 4px 4px  
4px #50133D }
```

Background

The CSS property to change the background color of an element to Hex 50133D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50133D }
```

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

```
.background{ background-color:#50133D }
```

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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