

# Converting Colors

Hex(5D3350)

Have a look what the booklet for  
Hex(5D3350) contains.

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# Color

**Hex(5D3350)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D3350
RGB	93, 51, 80
RGB Percent	36%, 20%, 31%
CMY	0.6353, 0.8000, 0.6863
CMYK	0.00, 0.45, 0.14, 0.64
HSL	319°, 29%, 28%
HSV	319°, 45%, 36%
XYZ	7.1460, 5.2740, 8.2308
YIQ	66.8640, 15.7230, 17.9230

# Conversions

## Conversions Part 2

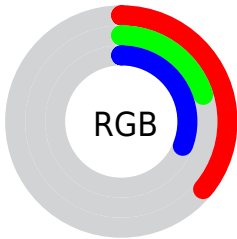
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 51, 80
Decimal	6107984
CIELab	27.50, 23.52, -9.56
CIELCh	28, 25.393, 337.879
Yxy	5.2740, 0.3460, 0.2554
Android (android.graphics.Color)	4284298064 (0xFF5D3350)
YUV	66.8640, 6.4760, 22.9213
Hunter-Lab	22.9652, 15.3541, -5.1740

# Details

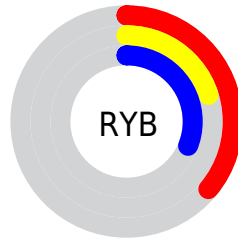
The Hex color **5D3350** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **335D40**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **906381**, and **2D0623** is the 20% darker color. If you saturate the color by 10%, you get **5D2A4D**, and if you desaturate by 10%, it is **5D3C53**.

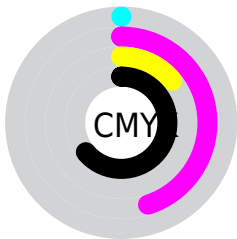
# Distribution



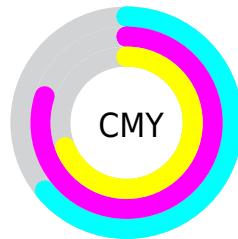
- Red (36%)
- Green (20%)
- Blue (31%)



- Red (36%)
- Yellow (20%)
- Blue (31%)



- Cyan (0%)
- Magenta (45%)
- Yellow (14%)
- Black (64%)



- Cyan (64%)
- Magenta (80%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D3350 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 5D3350 by changing the saturation by 10% instead.



 5D3350

 5D3350

FFFFFF

 451D39

 906381

 2D0623

 AB7C9B

 16000D

 C796B6

 000000

 E3B1D2

 FFCCEE

 FFE9FF

 5D3350

 5D3350

 5D2A4D

 5D3C53

■ 5D204A

■ 5D4656

■ 5D1747

■ 5D4F59

■ 5D0E44

■ 5D585C

■ 5D0542

■ 5D625E

■ 5D0040

■ 5D6B61

■ 5D7464

■ 5D7D67

■ 5D876A

# Harmonies

## Analogous

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



493A60



5D3350



65313D

# Triad

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



5D3350



484219



004A58

# Complementary

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



5D3350



335D40

# 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.



004B46



5D3350



334721

# Square

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



5D3350



583B1D



174A32



004765

# Rectangle

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



5D3350



653230



174A32



004B53



# Sweetspot

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



5D3350



786773



40335D



3D333A



BDBDBD



3D3D3D



# Same Dimension

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



5D3350



783764



5D333B



2E292C



6E004C



ED00A4



# Inverse Universe

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



5D3350



783764



335D55



2E292C



6E004C

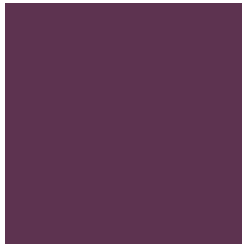


ED00A4



# Previews

## White Background



This preview shows how the Hex color 5D3350 looks on a white background.

## Color Contrast Check

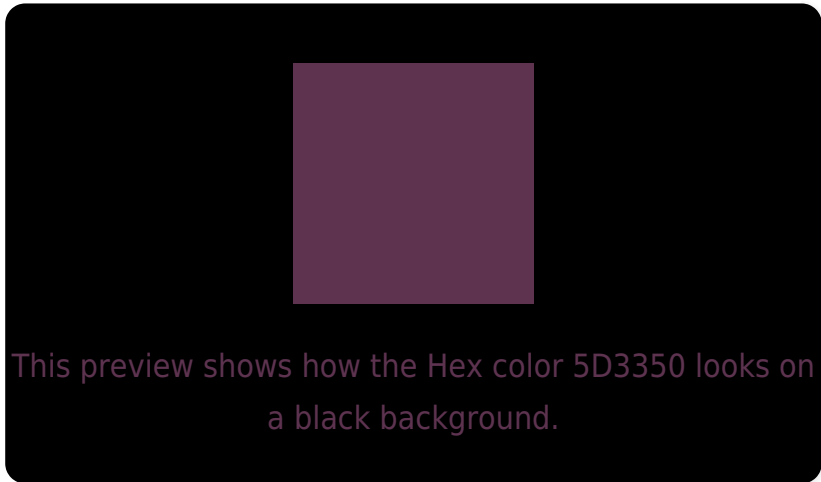
Large Text (above 18pt) WCAG AA ✓ Pass

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

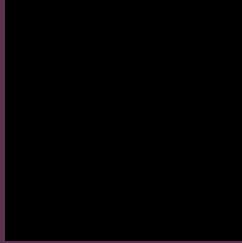
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5D3350 Background



This preview shows how black text looks on a background with the Hex color 5D3350.



This preview shows how white text looks on a background with the Hex color 5D3350.

# 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**  
5D3350

**Protanopia**  
3A415A

**Deuteranopia**  
42404E



**Tritanopia**  
5B373B

# Trichromacy



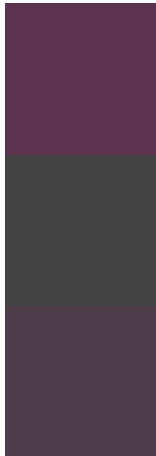
**Original Color**  
5D3350

**Protanomaly**  
473C56

**Deuteranomaly**  
4C3B4F

**Tritanomaly**  
5C3643

# Monochromacy



**Original Color**  
5D3350

**Achromatopsia**  
434343

**Achromatomaly**  
4C3D48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D3350 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 #5D3350 looks like.

```
.text, #text, p{  
    color:#5D3350  
}
```

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 #5D3350 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D3350
}
```

## Border

The CSS property to change the border of an element to Hex 5D3350 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
#5D3350 }
```

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

```
.border{ border-color:#5D3350 }
```

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

Here you see how a box with a 4 pixel #5D3350 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D3350; -webkit-box-shadow:4px 4px  
4px 4px #5D3350; box-shadow:4px 4px 4px  
4px #5D3350 }
```

# Background

The CSS property to change the background color of an element to Hex 5D3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D3350 }
```

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

```
.background{ background-color:#5D3350 }
```

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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