

# Converting Colors

Decimal(5979983)

Have a look what the booklet for  
Decimal(5979983) contains.

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# Color

**Decimal(5979983)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B3F4F
RGB	91, 63, 79
RGB Percent	36%, 25%, 31%
CMY	0.6431, 0.7529, 0.6902
CMYK	0.00, 0.31, 0.13, 0.64
HSL	326°, 18%, 30%
HSV	326°, 31%, 36%
XYZ	7.5032, 6.3437, 8.2261
YIQ	73.1960, 11.5520, 10.9120

# Conversions

## Conversions Part 2

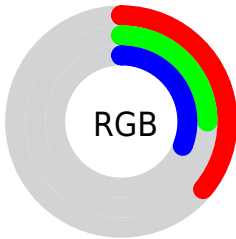
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 63, 79
Decimal	5979983
CIE <sub>Lab</sub>	30.26, 15.08, -4.78
CIE <sub>LCh</sub>	30, 15.819, 342.395
Yxy	6.3437, 0.3399, 0.2874
Android (android.graphics.Color)	4284170063 (0xFF5B3F4F)
YUV	73.1960, 2.8614, 15.6141
Hunter-Lab	25.1866, 9.0990, -1.7339

# Details

The Decimal color **5979983** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4152139**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **9334656**, and **2888739** is the 20% darker color. If you saturate the color by 10%, you get **5977675**, and if you desaturate by 10%, it is **5982291**.

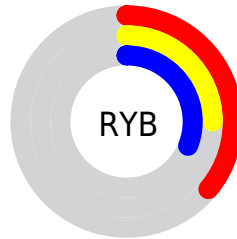
# Distribution



Red (36%)

Green (25%)

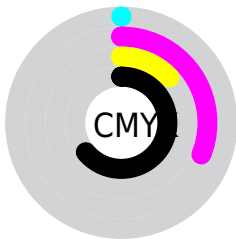
Blue (31%)



Red (36%)

Yellow (25%)

Blue (31%)

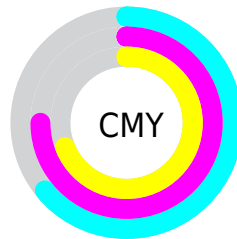


Cyan (0%)

Magenta (31%)

Yellow (13%)

Black (64%)



Cyan (64%)

Magenta (75%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5979983 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 Decimal color 5979983 by changing the saturation by 10% instead.



■ 5979983

■ 5979983

16777215

■ 4401464

■ 9334656

■ 2888739

■ 11045018

■ 1703949

■ 12886965

■ 0

■ 14728912

■ 16571117

■ 16774911

■ 5979983

■ 5979983

■ 5977675

■ 5982291

■ 5975367

■ 5984599

■ 5973059

■ 5986907

■ 5970751

■ 5989215

■ 5968187

■ 5991779

■ 5965880

■ 5994086

■ 5963828

■ 5996394

■ 5998702

■ 6001010

# Harmonies

## Analogous

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



5194329



5979983



6307395

# Triad

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



5979983



4933679



2182487

# Complementary

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



5979983



4152139

# 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.



2313804



5979983



4016949

# Square

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



5979983



5653552



3100223



2968414

# Rectangle

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



5979983



6242107



3100223



2117204



# Sweetspot

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



5979983



7695217



4931419



3879992



12237498



3881787



# Same Dimension

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



5979983



7686755



5979969



3025196



7209023



15532168



# Inverse Universe

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



5979983



7686755



4152153



3025196



7209023

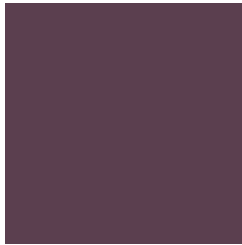


15532168



# Previews

## White Background



This preview shows how the Decimal color 5979983 looks on a white background.

## Color Contrast Check

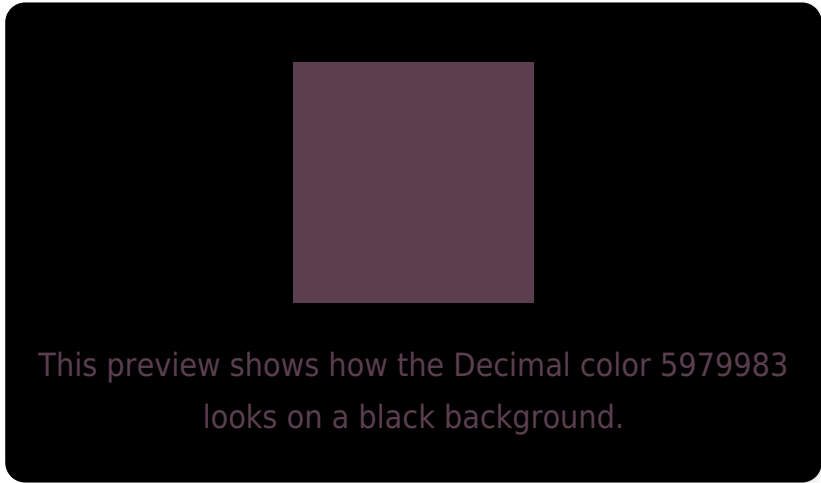
Large Text (above 18pt) WCAG AA ✓ Pass

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

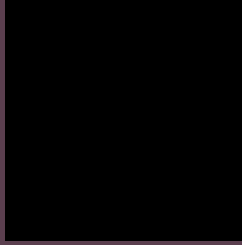
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5979983 Background



This preview shows how black text looks on a background with the Decimal color 5979983.



This preview shows how white text looks on a background with the Decimal color 5979983.

# 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**  
5979983

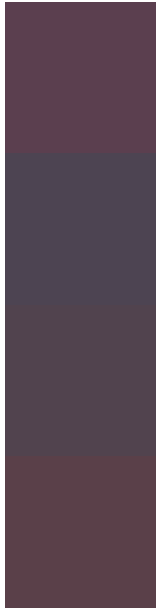
**Protanopia**  
4540244

**Deuteranopia**  
4998734



**Tritanopia**  
5914950

# Trichromacy



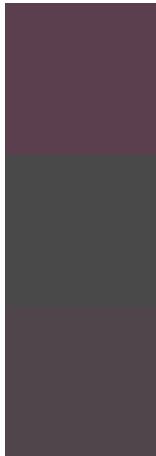
**Original Color**  
5979983

**Protanomaly**  
5063762

**Deuteranomaly**  
5325646

**Tritanomaly**  
5914697

# Monochromacy



**Original Color**  
5979983

**Achromatopsia**  
4802889

**Achromatomaly**  
5260619

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5979983 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 #5B3F4F looks like.

```
.text, #text, p{  
    color:#5B3F4F  
}
```

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 #5B3F4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B3F4F
}
```

## Border

The CSS property to change the border of an element to Decimal 5979983 is called "border". The border property can be set on classes, ids or directly on the HTML element.

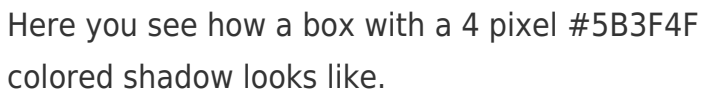
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B3F4F }
```

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

```
.border{ border-color:#5B3F4F }
```

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



Here you see how a box with a 4 pixel #5B3F4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B3F4F; -webkit-box-shadow:4px 4px  
4px 4px #5B3F4F; box-shadow:4px 4px 4px  
4px #5B3F4F }
```

# Background

The CSS property to change the background color of an element to Decimal 5979983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B3F4F }
```

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

```
.background{ background-color:#5B3F4F }
```

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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