

# Converting Colors

Decimal(5782358)

Have a look what the booklet for  
Decimal(5782358) contains.

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**Color**

**Decimal(5782358)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	583B56
RGB	88, 59, 86
RGB Percent	35%, 23%, 34%
CMY	0.6549, 0.7686, 0.6627
CMYK	0.00, 0.33, 0.02, 0.65
HSL	304°, 20%, 29%
HSV	304°, 33%, 35%
XYZ	7.2682, 5.8745, 9.5549
YIQ	70.7490, 8.6170, 14.5450

# Conversions

## Conversions Part 2

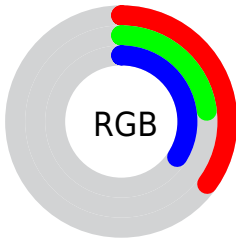
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 59, 86
Decimal	5782358
CIE <sub>Lab</sub>	29.09, 17.86, -11.13
CIE <sub>LCh</sub>	29, 21.041, 328.069
Yxy	5.8745, 0.3202, 0.2588
Android (android.graphics.Color)	4283972438 (0xFF583B56)
YUV	70.7490, 7.5187, 15.1291
Hunter-Lab	24.2374, 11.1121, -6.4072

# Details

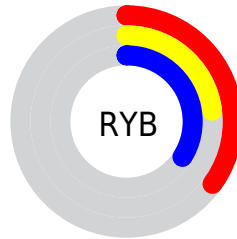
The Decimal color **5782358** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3889213**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **9071496**, and **2756649** is the 20% darker color. If you saturate the color by 10%, you get **5780053**, and if you desaturate by 10%, it is **5784663**.

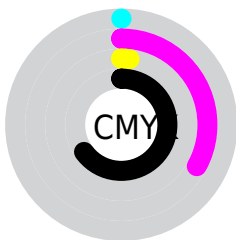
# Distribution



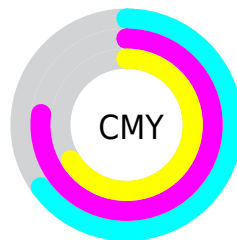
- Red (35%)
- Green (23%)
- Blue (34%)



- Red (35%)
- Yellow (23%)
- Blue (34%)



- Cyan (0%)
- Magenta (33%)
- Yellow (2%)
- Black (65%)



- Cyan (65%)
- Magenta (77%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5782358 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 5782358 by changing the saturation by 10% instead.



■ 5782358

■ 5782358

16777215

■ 4203839

■ 9071496

■ 2756649

■ 10847394

■ 1376277

■ 12623549

■ 0

■ 14465497

■ 16373237

■ 16773887

■ 5782358

■ 5782358

■ 5780053

■ 5784663

■ 5777749

■ 5786967

■ 5775700

■ 5789016

■ 5773396

■ 5791320

■ 5771091

■ 5793625

■ 5768786

■ 5795930

■ 5767250

■ 5798234

■ 5800283

■ 5802587

# Harmonies

## Analogous

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



4538721



5782358



6436934

# Triad

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



5782358



5260068



19795

# Complementary

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



5782358



3889213

# 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.



1330499



5782358



4147239

# Square

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



5782358



6110761



2903091



478048

# Rectangle

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



5782358



6567995



2903091



19790



# Sweetspot

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



5782358



7563122



4012888



3879994



12237498



3881787



# Same Dimension

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



5782358



7554416



5782344



2828075



7012452



15401178



# Inverse Universe

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



5782358



7554416



3889227



2828075



7012452



15401178



# Previews

## White Background



This preview shows how the Decimal color 5782358 looks on a white background.

## Color Contrast Check

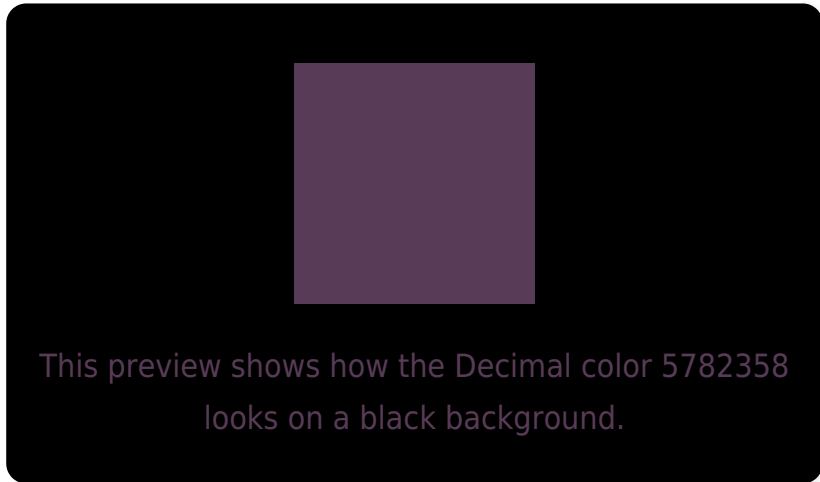
Large Text (above 18pt) WCAG AA ✓ Pass

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

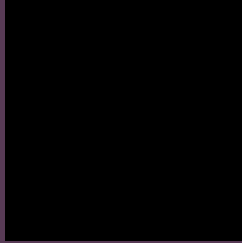
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5782358 Background



This preview shows how black text looks on a background with the Decimal color 5782358.

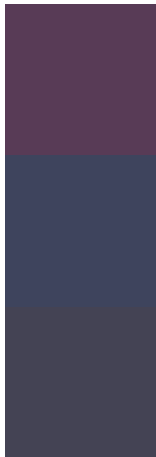


This preview shows how white text looks on a background with the Decimal color 5782358.

# 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**  
5782358

**Protanopia**  
4080733

**Deuteranopia**  
4473684



**Tritanopia**  
5652291

# Trichromacy



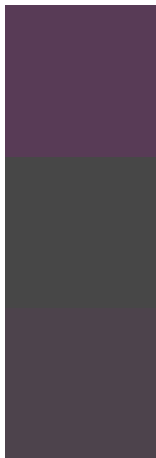
**Original Color**  
5782358

**Protanomaly**  
4669786

**Deuteranomaly**  
4931669

**Tritanomaly**  
5717578

# Monochromacy



**Original Color**  
5782358

**Achromatopsia**  
4671303

**Achromatomaly**  
5063500

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5782358 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 #583B56 looks like.

```
.text, #text, p{  
    color:#583B56  
}
```

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 #583B56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583B56
}
```

## Border

The CSS property to change the border of an element to Decimal 5782358 is called "border". The border property can be set on classes, ids or directly on the HTML element.

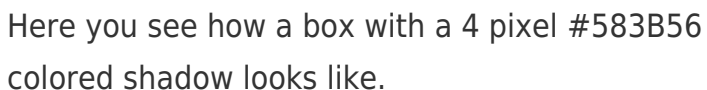
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#583B56 }
```

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

```
.border{ border-color:#583B56 }
```

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



Here you see how a box with a 4 pixel #583B56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583B56; -webkit-box-shadow:4px 4px  
4px 4px #583B56; box-shadow:4px 4px 4px  
4px #583B56 }
```

# Background

The CSS property to change the background color of an element to Decimal 5782358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583B56 }
```

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

```
.background{ background-color:#583B56 }
```

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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