

Converting Colors

Decimal(5782097)

Have a look what the booklet for
Decimal(5782097) contains.

Decimal(5782097)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5782097)

Conversions

Conversions Part 1

Format	Color
Hex	583A51
RGB	88, 58, 81
RGB Percent	35%, 23%, 32%
CMY	0.6549, 0.7725, 0.6824
CMYK	0.00, 0.34, 0.08, 0.65
HSL	314°, 21%, 29%
HSV	314°, 34%, 35%
XYZ	7.0228, 5.6949, 8.5137
YIQ	69.5920, 10.4970, 13.5130

Conversions

Conversions Part 2

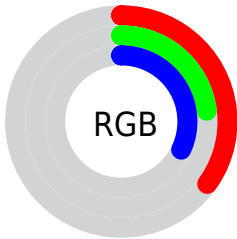
Format	Color
RYB	88, 58, 81
Decimal	5782097
CIELab	28.63, 17.44, -8.58
CIELCh	29, 19.437, 333.818
Yxy	5.6949, 0.3308, 0.2682
Android (android.graphics.Color)	4283972177 (0xFF583A51)
YUV	69.5920, 5.6241, 16.1438
Hunter-Lab	23.8640, 10.7675, -4.4474

Details

The Decimal color **5782097** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3823681**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **9071234**, and **2756388** is the 20% darker color. If you saturate the color by 10%, you get **5779791**, and if you desaturate by 10%, it is **5784403**.

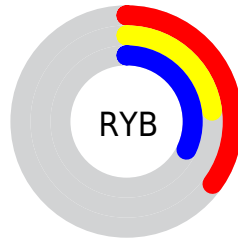
Distribution



 Red (35%)

 Green (23%)

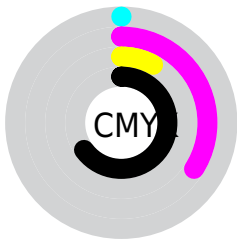
 Blue (32%)



 Red (35%)

 Yellow (23%)

 Blue (32%)

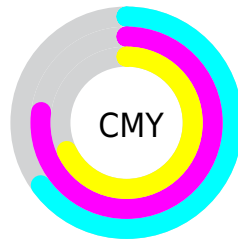



 Cyan (0%)


 Magenta (34%)

 Yellow (8%)

 Black (65%)



 Cyan (65%)

 Magenta (77%)

 Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5782097 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 5782097 by changing the saturation by 10% instead.

■ 5782097

■ 5782097

16777215

■ 4203578

■ 9071234

■ 2756388

■ 10847132

■ 1310735

■ 12623287

■ 0

■ 14465235

■ 16372975

■ 16773375

■ 5782097

■ 5782097

■ 5779791

■ 5784403

■ 5777485

■ 5786709

■ 5775435

■ 5788759

■ 5773129

■ 5791065

■ 5770823

■ 5793371

■ 5768517

■ 5795677

■ 5767235

■ 5797983

■ 5800033

■ 5802339

Harmonies

Analogous

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



4734812



5782097



6305858

Triad

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



5782097



4997925



346964

Complementary

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



5782097



3823681

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.



1395781



5782097



3950634

Square

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



5782097



5783081



2705974



1526110

Rectangle

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



5782097



6371640



2705974



478031

Sweetspot

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



5782097



7563120



4274776



3879993



12237498



3881787

Same Dimension

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



5782097



7554152



5782082



2828074



7012434



15401140

Inverse Universe

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



5782097



7554152



3823696



2828074



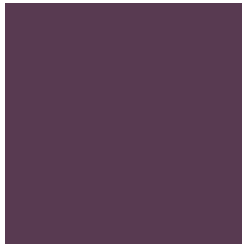
7012434



15401140

Previews

White Background



This preview shows how the Decimal color 5782097 looks on a white background.

Color Contrast Check

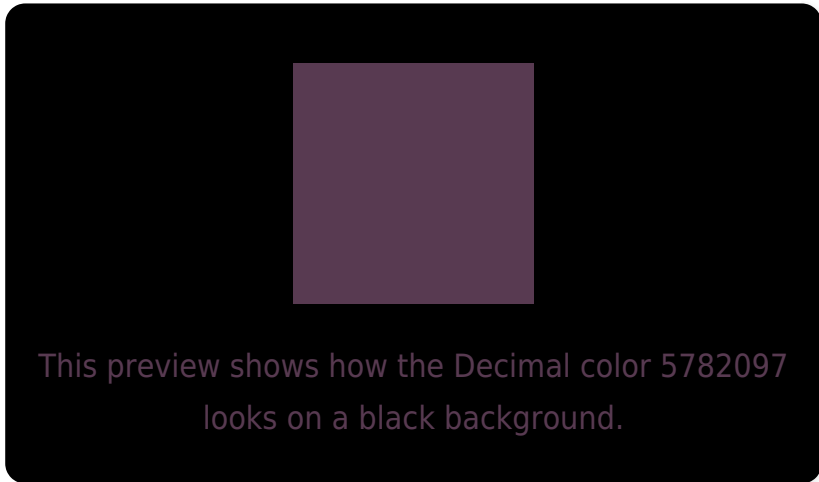
Large Text (above 18pt) WCAG AA ✓ Pass

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

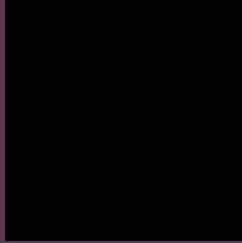
Any Text WCAG AA × Fail

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 5782097 Background



This preview shows how black text looks on a background with the Decimal color 5782097.



This preview shows how white text looks on a background with the Decimal color 5782097.

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
5782097

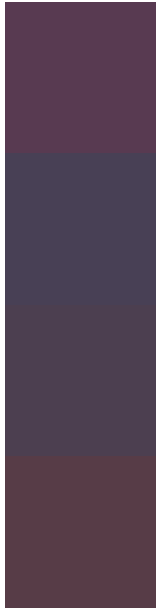
Protanopia
4146007

Deuteranopia
4538959



Tritanopia
5651778

Trichromacy



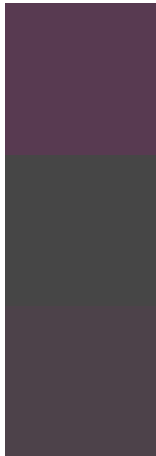
Original Color
5782097

Protanomaly
4735061

Deuteranomaly
4996944

Tritanomaly
5717063

Monochromacy



Original Color
5782097

Achromatopsia
4605510

Achromatomaly
5063242

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5782097 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 #583A51 looks like.

```
.text, #text, p{  
    color:#583A51  
}
```

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 #583A51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583A51
}
```

Border

The CSS property to change the border of an element to Decimal 5782097 is called "border". The border property can be set on classes, ids or directly on the HTML element.

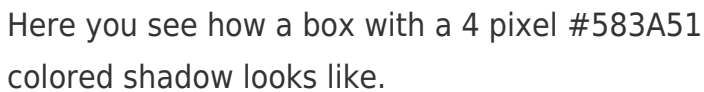
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#583A51 }
```

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

```
.border{ border-color:#583A51 }
```

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



Here you see how a box with a 4 pixel #583A51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583A51; -webkit-box-shadow:4px 4px  
4px 4px #583A51; box-shadow:4px 4px 4px  
4px #583A51 }
```

Background

The CSS property to change the background color of an element to Decimal 5782097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583A51 }
```

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

```
.background{ background-color:#583A51 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor