

Converting Colors

Decimal(5845070)

Have a look what the booklet for
Decimal(5845070) contains.

Decimal(5845070)	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(5845070)

Conversions

Conversions Part 1

Format	Color
Hex	59304E
RGB	89, 48, 78
RGB Percent	35%, 19%, 31%
CMY	0.6510, 0.8118, 0.6941
CMYK	0.00, 0.46, 0.12, 0.65
HSL	316°, 30%, 27%
HSV	316°, 46%, 35%
XYZ	6.5519, 4.7878, 7.7865
YIQ	63.6790, 14.8060, 18.0220

Conversions

Conversions Part 2

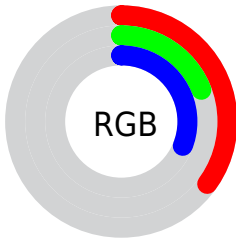
Format	Color
R_{YB}	89, 48, 78
Decimal	5845070
CIE _{Lab}	26.12, 23.45, -10.39
CIE _{LCh}	26, 25.653, 336.103
Yxy	4.7878, 0.3426, 0.2503
Android (android.graphics.Color)	4284035150 (0xFF59304E)
YUV	63.6790, 7.0603, 22.2065
Hunter-Lab	21.8811, 15.1570, -5.7820




Details

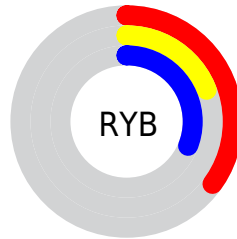
The Decimal color **5845070** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3168571**, and the grayscale version is **4210752**.




A 20% lighter version of the original color is **9199487**, and **2753314** is the 20% darker color. If you saturate the color by 10%, you get **5842764**, and if you desaturate by 10%, it is **5847376**.

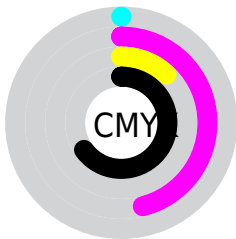
Distribution







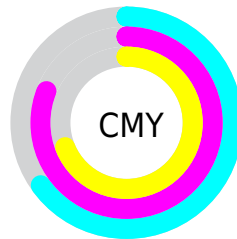
-  Red (35%)
-  Green (19%)
-  Blue (31%)






-  Red (35%)
-  Yellow (19%)
-  Blue (31%)



-  Cyan (0%)
-  Magenta (46%)
-  Yellow (12%)
-  Black (65%)



-  Cyan (65%)
-  Magenta (81%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5845070 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 5845070 by changing the saturation by 10% instead.

■ 5845070

■ 5845070

16777215

■ 4266551

■ 9199487

■ 2753314

■ 10975385

■ 851977

■ 12751540

■ 0

■ 14593487

■ 16501228

■ 16770559

■ 5845070

■ 5845070

■ 5842764

■ 5847376

■ 5840457

■ 5849683

■ 5838151

■ 5851989

■ 5835844

■ 5854296

■ 5833538

■ 5856602

■ 5832769

■ 5858652

■ 5860959

■ 5863265

■ 5865571

Harmonies

Analogous

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



4470621



5845070



6434107

Triad

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



5845070



4537877



18260

Complementary

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



5845070



3168571

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.



18497



5845070



3228445

Square

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



5845070



5650202



1394221



17505

Rectangle

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



5845070



6434606



1394221



18254

Sweetspot

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



5845070



7562094



3879001



3879224



12237498



3881787

Same Dimension

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



5845070



7550050



5845050



2828074



7012430



15401132

Inverse Universe

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



5845070



7550050



3168591



2828074



7012430



15401132

Previews

White Background



This preview shows how the Decimal color 5845070 looks on a white background.

Color Contrast Check

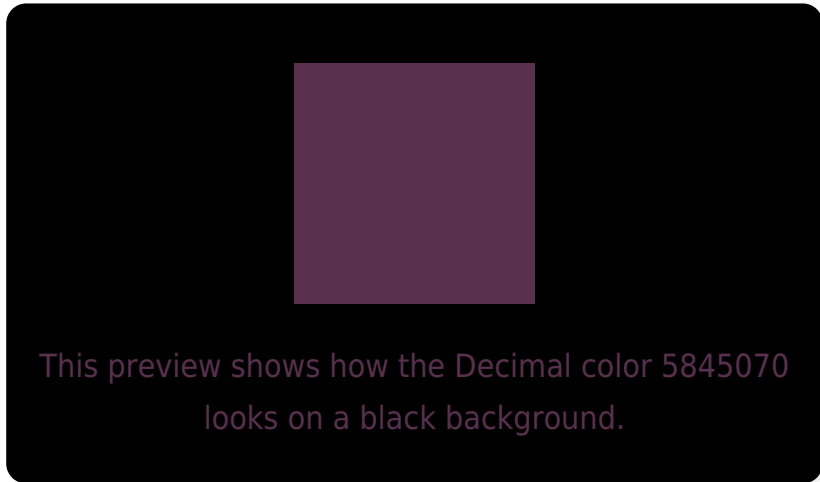
Large Text (above 18pt) WCAG AA ✓ Pass

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

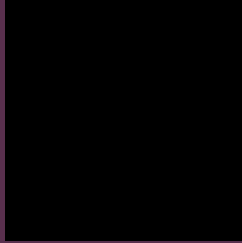
Any Text WCAG AA × Fail

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 5845070 Background



This preview shows how black text looks on a background with the Decimal color 5845070.



This preview shows how white text looks on a background with the Decimal color 5845070.

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
5845070

Protanopia
3554648

Deuteranopia
4078924

Trichromacy



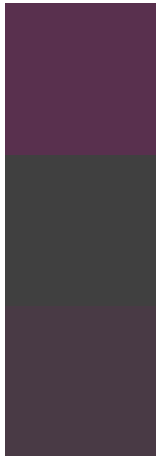
Original Color
5845070

Protanomaly
4405332

Deuteranomaly
4733005

Tritanomaly
5780288

Monochromacy



Original Color
5845070

Achromatopsia
4210752

Achromatomaly
4799045

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5845070 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 #59304E looks like.

```
.text, #text, p{  
    color:#59304E  
}
```

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 #59304E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59304E
}
```

Border

The CSS property to change the border of an element to Decimal 5845070 is called "border". The border property can be set on classes, ids or directly on the HTML element.

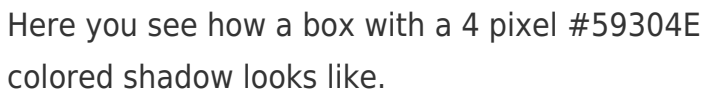
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#59304E }
```

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

```
.border{ border-color:#59304E }
```

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



Here you see how a box with a 4 pixel #59304E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59304E; -webkit-box-shadow:4px 4px  
4px 4px #59304E; box-shadow:4px 4px 4px  
4px #59304E }
```

Background

The CSS property to change the background color of an element to Decimal 5845070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59304E }
```

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

```
.background{ background-color:#59304E }
```

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