

Converting Colors

Decimal(5847824)

Have a look what the booklet for
Decimal(5847824) contains.

Decimal(5847824)	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(5847824)

Conversions

Conversions Part 1

Format	Color
Hex	593B10
RGB	89, 59, 16
RGB Percent	35%, 23%, 6%
CMY	0.6510, 0.7686, 0.9373
CMYK	0.00, 0.34, 0.82, 0.65
HSL	35°, 70%, 21%
HSV	35°, 82%, 35%
XYZ	5.7773, 5.2892, 1.2066
YIQ	63.0680, 31.6830, -7.0130

Conversions

Conversions Part 2

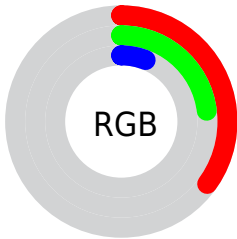
Format	Color
RYB	67, 89, 16
Decimal	5847824
CIELab	27.54, 8.91, 30.48
CIElCh	28, 31.759, 73.715
Yxy	5.2892, 0.4707, 0.4310
Android (android.graphics.Color)	4284037904 (0xFF593B10)
YUV	63.0680, -23.2045, 22.7424
Hunter-Lab	22.9982, 4.5935, 12.9880

Details

The Decimal color **5847824** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1060441**, and the grayscale version is **4144959**.

A 20% lighter version of the original color is **9333309**, and **2560256** is the 20% darker color. If you saturate the color by 10%, you get **5846791**, and if you desaturate by 10%, it is **5848857**.

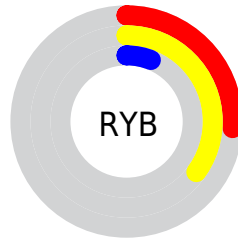
Distribution



Red (35%)

Green (23%)

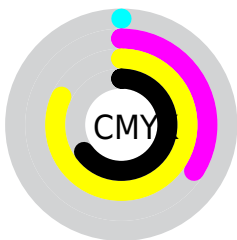
Blue (6%)



Red (26%)

Yellow (35%)

Blue (6%)

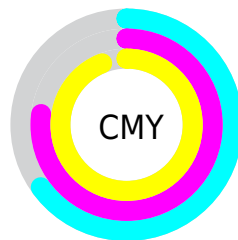


Cyan (0%)

Magenta (34%)

Yellow (82%)

Black (65%)



Cyan (65%)

Magenta (77%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5847824 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 5847824 by changing the saturation by 10% instead.

 5847824


 5847824

 16777206

 4203776

 9333309

 2560256

 11174741

 0

 13016430

 14923912

 16766114

 16773309

 16777177

 5847824

 5847824

■ 5846791

■ 5848857

■ 5846016

■ 5849634

■ 5850667

■ 5851700

■ 5852477

■ 5853509

■ 5854542

■ 5855319

■ 5856352

Harmonies

Analogous

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



6828320



5847824



4408077

Triad

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



5847824



19788



5322340

Complementary

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



5847824



1060441

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.



2637936



5847824



19554

Square

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



5847824



19507



18288



6761807

Rectangle

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



5847824



3294998



18288



4602218

Sweetspot

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



5847824



7563094



5836846



3879721



12237498



3881787

Same Dimension

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



5847824



7554306



5462288



2828839



7028480



15436288

Inverse Universe

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



1060441



143731



1445977



2566443



11371



24811

Previews

White Background



This preview shows how the Decimal color 5847824 looks on a white background.

Color Contrast Check

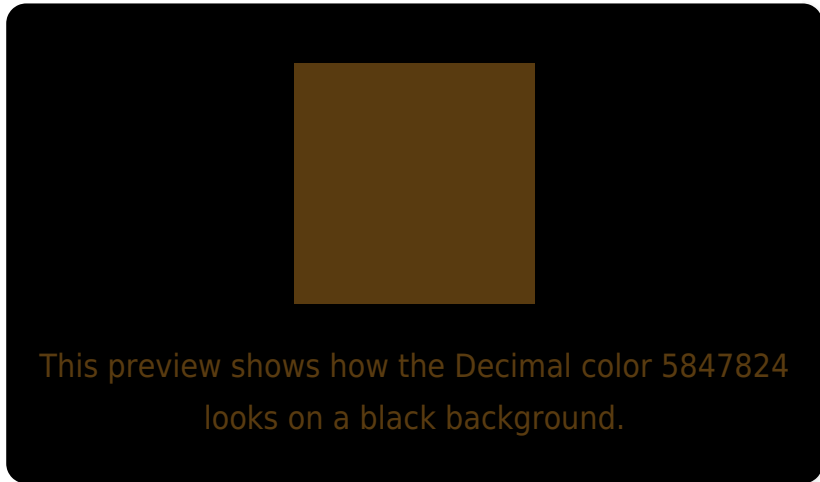
Large Text (above 18pt) WCAG AA ✓ Pass

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

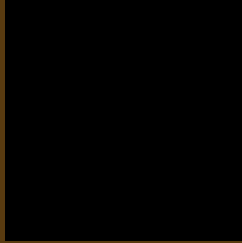
Any Text WCAG AA × Fail

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 5847824 Background



This preview shows how black text looks on a background with the Decimal color 5847824.



This preview shows how white text looks on a background with the Decimal color 5847824.

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

5847824

Protanopia

4866578

Deuteranopia

5389838



Tritanopia
5977915

Trichromacy



Original Color
5847824

Protanomaly
5193489

Deuteranomaly
5586191

Tritanomaly
5912619

Monochromacy



Original Color
5847824

Achromatopsia
4144959

Achromatomaly
4734510

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5847824 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 #593B10 looks like.

```
.text, #text, p{  
    color:#593B10  
}
```

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 #593B10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #593B10
}
```

Border

The CSS property to change the border of an element to Decimal 5847824 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
#593B10 }
```

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

```
.border{ border-color:#593B10 }
```

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

Here you see how a box with a 4 pixel #593B10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #593B10; -webkit-box-shadow:4px 4px  
4px 4px #593B10; box-shadow:4px 4px 4px  
4px #593B10 }
```

Background

The CSS property to change the background color of an element to Decimal 5847824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#593B10 }
```

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

```
.background{ background-color:#593B10 }
```

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