

Converting Colors

Decimal(5783360)

Have a look what the booklet for
Decimal(5783360) contains.

Decimal(5783360)	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(5783360)

Conversions

Conversions Part 1

Format	Color
Hex	583F40
RGB	88, 63, 64
RGB Percent	35%, 25%, 25%
CMY	0.6549, 0.7529, 0.7490
CMYK	0.00, 0.28, 0.27, 0.65
HSL	358°, 17%, 30%
HSV	358°, 28%, 35%
XYZ	6.7274, 5.9999, 5.6540
YIQ	70.5890, 14.5790, 5.6110

Conversions

Conversions Part 2

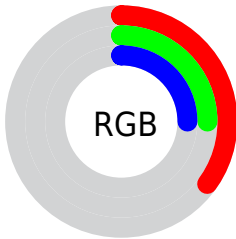
Format	Color
R_{YB}	88, 63, 64
Decimal	5783360
CIE Lab	29.41, 11.08, 3.68
CIE LCh	29, 11.680, 18.372
Yxy	5.9999, 0.3660, 0.3264
Android (android.graphics.Color)	4283973440 (0xFF583F40)
YUV	70.5890, -3.2484, 15.2694
Hunter-Lab	24.4947, 6.1591, 3.4606

Details

The Decimal color **5783360** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **4151383**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **9138032**, and **2757654** is the 20% darker color. If you saturate the color by 10%, you get **5781048**, and if you desaturate by 10%, it is **5785672**.

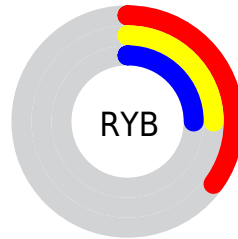
Distribution



Red (35%)

Green (25%)

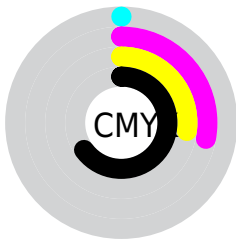
Blue (25%)



Red (35%)

Yellow (25%)

Blue (25%)

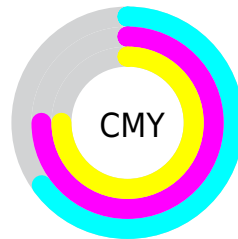


Cyan (0%)

Magenta (28%)

Yellow (27%)

Black (65%)



Cyan (65%)

Magenta (75%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5783360 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 5783360 by changing the saturation by 10% instead.

■ 5783360

■ 5783360

16777215

■ 4204842

■ 9138032

■ 2757654

■ 10848393

■ 1310720

■ 12624547

■ 0

■ 14466750

■ 16374234

■ 16774903

■ 5783360

■ 5783360

■ 5781048

■ 5785672

■ 5778735

■ 5787985

■ 5776679

■ 5790041

■ 5774366

■ 5792354

■ 5772054

■ 5794666

■ 5769741

■ 5796979

■ 5767429

■ 5799291

■ 5767172

■ 5801348

■ 5803660

Harmonies

Analogous

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



5586761



5783360



5652792

Triad

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



5783360



3950905



3557207

Complementary

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



5783360



4151383

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.



2967890



5783360



3295809

Square

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



5783360



4605492



2902603



4342870

Rectangle

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



5783360



5390901



2902603



3360854

Sweetspot

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



5783360



7563369



5717848



3879988



12237498



3881787

Same Dimension

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



5783360



7556173



5786175



2828071



7012356



15400969

Inverse Universe

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



5783360



7556173



4148568



2828071



7012356



15400969

Previews

White Background



This preview shows how the Decimal color 5783360 looks on a white background.

Color Contrast Check

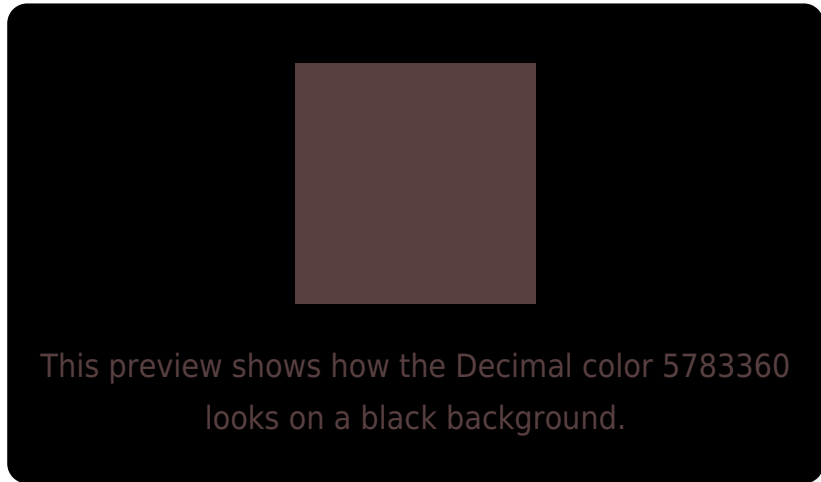
Large Text (above 18pt) WCAG AA ✓ Pass

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 5783360 Background



This preview shows how black text looks on a background with the Decimal color 5783360.

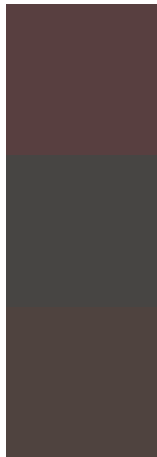


This preview shows how white text looks on a background with the Decimal color 5783360.

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
5783360

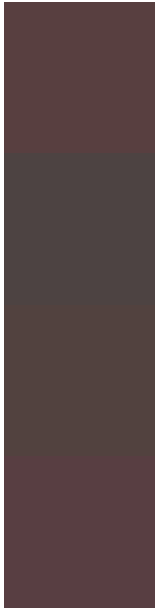
Protanopia
4670787

Deuteranopia
5194559



Tritanopia
5783107

Trichromacy



Original Color

5783360

Protanomaly

5063490

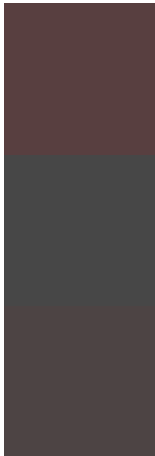
Deuteranomaly

5390911

Tritanomaly

5783106

Monochromacy



Original Color

5783360

Achromatopsia

4671303

Achromatomaly

5063748

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5783360 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 #583F40 looks like.

```
.text, #text, p{  
    color:#583F40  
}
```

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 #583F40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583F40
}
```

Border

The CSS property to change the border of an element to Decimal 5783360 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".

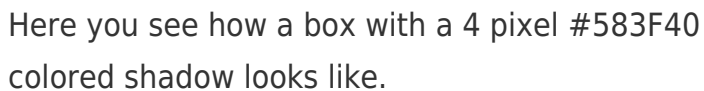
```
.border, #border, table{ border:4px solid
#583F40 }
```

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

```
.border{ border-color:#583F40 }
```

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

Here you see how a box with a 4 pixel #583F40 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border. Below the box, there is a thick dark blue horizontal bar. The shadow is a dark blue rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583F40; -webkit-box-shadow:4px 4px  
4px 4px #583F40; box-shadow:4px 4px 4px  
4px #583F40 }
```

Background

The CSS property to change the background color of an element to Decimal 5783360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583F40 }
```

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

```
.background{ background-color:#583F40 }
```

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