

Converting Colors

Decimal(5780231)

Have a look what the booklet for
Decimal(5780231) contains.

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Color

Decimal(5780231)

Conversions

Conversions Part 1

Format	Color
Hex	583307
RGB	88, 51, 7
RGB Percent	35%, 20%, 3%
CMY	0.6549, 0.8000, 0.9725
CMYK	0.00, 0.42, 0.92, 0.65
HSL	33°, 85%, 19%
HSV	33°, 92%, 35%
XYZ	5.2467, 4.4577, 0.7849
YIQ	57.0470, 36.1760, -5.8400

Conversions

Conversions Part 2

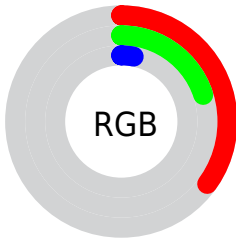
Format	Color
R_{YB}	75, 88, 7
Decimal	5780231
CIE Lab	25.13, 13.09, 32.10
CIE LCh	25, 34.669, 67.811
Yxy	4.4577, 0.5002, 0.4250
Android (android.graphics.Color)	4283970311 (0xFF583307)
YUV	57.0470, -24.6732, 27.1458
Hunter-Lab	21.1133, 7.4093, 12.5751

Details

The Decimal color **5780231** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **470104**, and the grayscale version is **3750201**.

A 20% lighter version of the original color is **9331253**, and **2492416** is the 20% darker color. If you saturate the color by 10%, you get **5779456**, and if you desaturate by 10%, it is **5781264**.

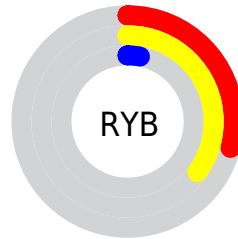
Distribution



Red (35%)

Green (20%)

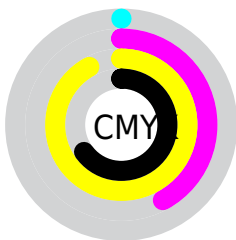
Blue (3%)



Red (29%)

Yellow (35%)

Blue (3%)

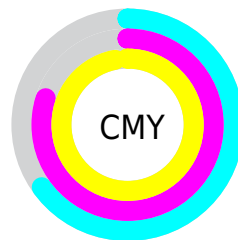


Cyan (0%)

Magenta (42%)

Yellow (92%)

Black (65%)



Cyan (65%)

Magenta (80%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5780231 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 5780231 by changing the saturation by 10% instead.

 5780231


 5780231

 16777196

 4136448

 9331253

 2492416

 11172429

 0

 13014117

 14921599

 16763545

 16770740

 16777167

 5780231

 5780231

■ 5779456

■ 5781264

■ 5782297

■ 5783329

■ 5784362

■ 5785395

■ 5786428

■ 5787461

■ 5788493

■ 5789526

Harmonies

Analogous

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



6760477



5780231



4340992

Triad

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



5780231



18498



4534885

Complementary

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



5780231



470104

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.



212080



5780231



18267

Square

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



5780231



18215



17516



6301264

Rectangle

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



5780231



3162375



17516



3618154

Sweetspot

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



5780231



7562323



5769005



3879463



12237498



3881787

Same Dimension

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



5780231



7552512



5593095



2828583



7027200



15433472

Inverse Universe

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



470104



13427



657240



2566443



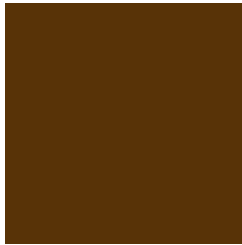
12651



27627

Previews

White Background



This preview shows how the Decimal color 5780231 looks on a white background.

Color Contrast Check

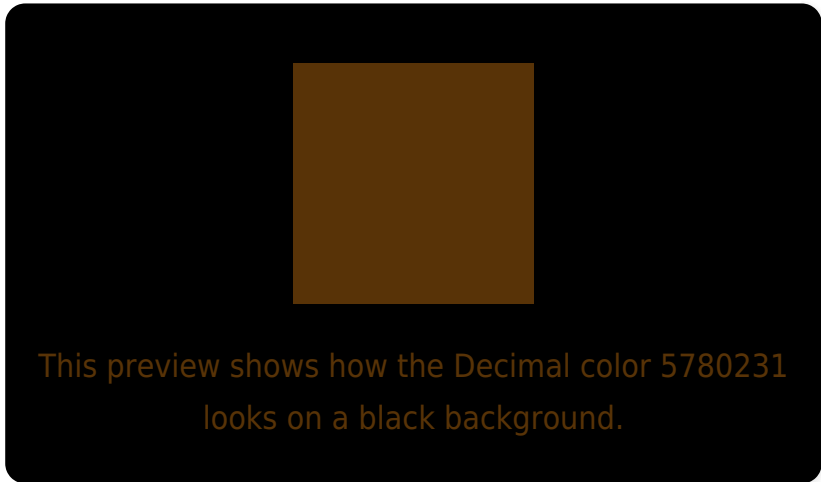
Large Text (above 18pt) WCAG AA ✓ Pass

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

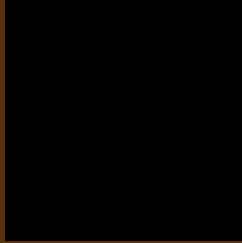
Any Text WCAG AA × Fail

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 5780231 Background



This preview shows how black text looks on a background with the Decimal color 5780231.



This preview shows how white text looks on a background with the Decimal color 5780231.

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
5780231

Protanopia
4471818

Deuteranopia
4995328



Tritanopia
5910323

Trichromacy



Original Color
5780231

Protanomaly
4929801

Deuteranomaly
5256963

Tritanomaly
5845027

Monochromacy



Original Color
5780231

Achromatopsia
3750201

Achromatomaly
4470567

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5780231 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 #583307 looks like.

```
.text, #text, p{  
  color:#583307  
}
```

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 #583307 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583307
}
```

Border

The CSS property to change the border of an element to Decimal 5780231 is called "border". The border property can be set on classes, ids or directly on the HTML element.

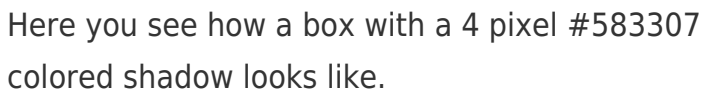
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#583307 }
```

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

```
.border{ border-color:#583307 }
```

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



Here you see how a box with a 4 pixel #583307 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583307; -webkit-box-shadow:4px 4px  
4px 4px #583307; box-shadow:4px 4px 4px  
4px #583307 }
```

Background

The CSS property to change the background color of an element to Decimal 5780231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583307 }
```

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

```
.background{ background-color:#583307 }
```

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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