

Converting Colors

Decimal(5800788)

Have a look what the booklet for
Decimal(5800788) contains.

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Color

Decimal(5800788)

Conversions

Conversions Part 1

Format	Color
Hex	588354
RGB	88, 131, 84
RGB Percent	35%, 51%, 33%
CMY	0.6549, 0.4863, 0.6706
CMYK	0.33, 0.00, 0.36, 0.49
HSL	115°, 22%, 42%
HSV	115°, 36%, 51%
XYZ	13.7410, 18.9474, 11.3205
YIQ	112.7850, -10.5410, -23.7330

Conversions

Conversions Part 2

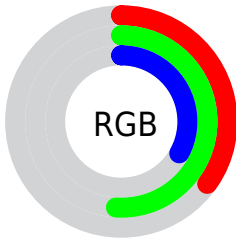
Format	Color
RYB	84, 131, 127
Decimal	5800788
CIELab	50.63, -24.76, 20.83
CIElCh	51, 32.354, 139.929
Yxy	18.9474, 0.3122, 0.4305
Android (android.graphics.Color)	4283990868 (0xFF588354)
YUV	112.7850, -14.1910, -21.7364
Hunter-Lab	43.5286, -19.8265, 15.0505

Details

The Decimal color **5800788** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8344707**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **9156742**, and **2576678** is the 20% darker color. If you saturate the color by 10%, you get **5014343**, and if you desaturate by 10%, it is **6587233**.

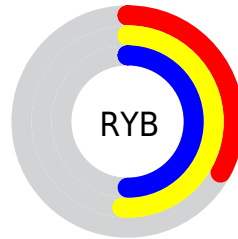
Distribution



Red (35%)

Green (51%)

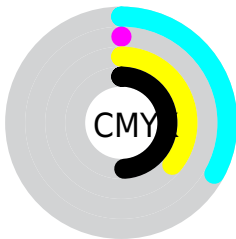
Blue (33%)



Red (33%)

Yellow (51%)

Blue (50%)

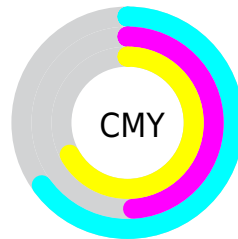


Cyan (33%)

Magenta (0%)

Yellow (36%)

Black (49%)



Cyan (65%)

Magenta (49%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5800788 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 5800788 by changing the saturation by 10% instead.

■ 5800788

■ 5800788

16777215

■ 4155964

■ 9156742

■ 2576678

■ 10933408

■ 997905

■ 12775867

■ 9216

■ 14614487

■ 1024

■ 16515060

■ 0

■ 5800788

■ 5800788

■ 5014343

■ 6587233

■ 4227898

■ 7373678

■ 3441453

■ 8160123

■ 2655008

■ 8946568

■ 1868563

■ 9733014

■ 1082117

■ 10519459

■ 754432

■ 11305904

■ 12092349

■ 12878794

Harmonies

Analogous

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



7896387



5800788



3245678

Triad

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



5800788



3899054



11428711

Complementary

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



5800788



8344707

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.



11035523



5800788



7173548

Square

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



5800788



33954



9595804



10906191

Rectangle

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



5800788



100225



9595804



11363184

Sweetspot

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



5800788



10136472



8617556



5003083



14079702



5723991

Same Dimension

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



5800788



6859617



5538663



3949116



754176



768

Inverse Universe

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



8344707



10838443



8606832



4340802



7798914



131075

Previews

White Background



This preview shows how the Decimal color 5800788 looks on a white background.

Color Contrast Check

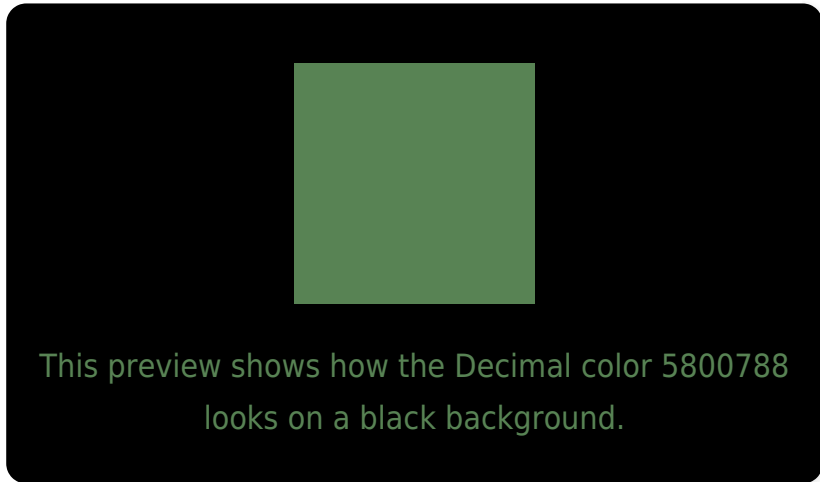
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

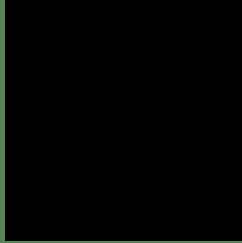
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 5800788 Background



This preview shows how black text looks on a background with the Decimal color 5800788.



This preview shows how white text looks on a background with the Decimal color 5800788.

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





Tritanopia
6389127

Trichromacy



Original Color
5800788

Protanomaly
7568465

Deuteranomaly
8026455

Tritanomaly
6193012

Monochromacy



Original Color
5800788

Achromatopsia
7434609

Achromatomaly
6846566

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5800788 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 #588354 looks like.

```
.text, #text, p{  
    color:#588354  
}
```

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 #588354 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #588354
}
```

Border

The CSS property to change the border of an element to Decimal 5800788 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
#588354 }
```

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

```
.border{ border-color:#588354 }
```

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

Here you see how a box with a 4 pixel #588354 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #588354; -webkit-box-shadow:4px 4px  
4px 4px #588354; box-shadow:4px 4px 4px  
4px #588354 }
```

Background

The CSS property to change the background color of an element to Decimal 5800788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#588354 }
```

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

```
.background{ background-color:#588354 }
```

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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