

Converting Colors

Decimal(5987612)

Have a look what the booklet for
Decimal(5987612) contains.

Decimal(5987612)	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(5987612)

Conversions

Conversions Part 1

Format	Color
Hex	5B5D1C
RGB	91, 93, 28
RGB Percent	36%, 36%, 11%
CMY	0.6431, 0.6353, 0.8902
CMYK	0.02, 0.00, 0.70, 0.64
HSL	62°, 54%, 24%
HSV	62°, 70%, 36%
XYZ	8.4383, 10.1367, 2.6104
YIQ	84.9920, 19.6730, -20.6390

Conversions

Conversions Part 2

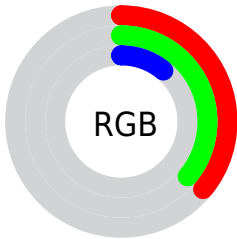
Format	Color
RYB	28, 93, 30
Decimal	5987612
CIELab	38.09, -10.08, 35.58
CIELCh	38, 36.983, 105.814
Yxy	10.1367, 0.3983, 0.4785
Android (android.graphics.Color)	4284177692 (0xFF5B5D1C)
YUV	84.9920, -28.0971, 5.2690
Hunter-Lab	31.8382, -8.4074, 17.4255

Details

The Decimal color **5987612** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1973341**, and the grayscale version is **5592405**.

A 20% lighter version of the original color is **9408332**, and **2830080** is the 20% darker color. If you saturate the color by 10%, you get **5987603**, and if you desaturate by 10%, it is **5987621**.

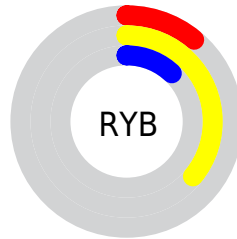
Distribution



Red (36%)

Green (36%)

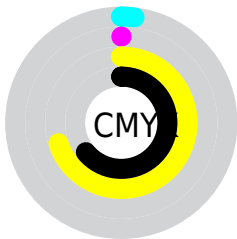
Blue (11%)



Red (11%)

Yellow (36%)

Blue (12%)

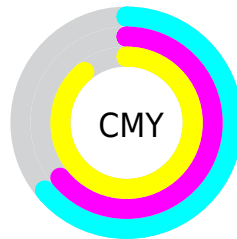


Cyan (2%)

Magenta (0%)

Yellow (70%)

Black (64%)



Cyan (64%)

Magenta (64%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5987612 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 5987612 by changing the saturation by 10% instead.



5987612



5987612

16777215



4343299



9408332



2830080



11184741



1186560



13026686



0



14934425



16776628



16777168



16777196



5987612



5987612

■ 5987603

■ 5987621

■ 5922057

■ 6053167

■ 5922048

■ 6053176

■ 6053185

■ 6053194

■ 6118740

■ 6118749

■ 6118758

■ 6184304

Harmonies

Analogous

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



7754525



5987612



3761198

Triad

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



5987612



26244



8995177

Complementary

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



5987612



1973341

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.



7359364



5987612



24979

Square

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



5987612



26729



4282259



9518923

Rectangle

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



5987612



1337152



4282259



8602739

Sweetspot

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



5987612



7829599



6102300



4013358



12434877



4013373

Same Dimension

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



5987612



7698451



3890460



3026473



6974976



15133952

Inverse Universe

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



1973341



1446776



4070493



2697518



196718



458989

Previews

White Background



This preview shows how the Decimal color 5987612 looks on a white background.

Color Contrast Check

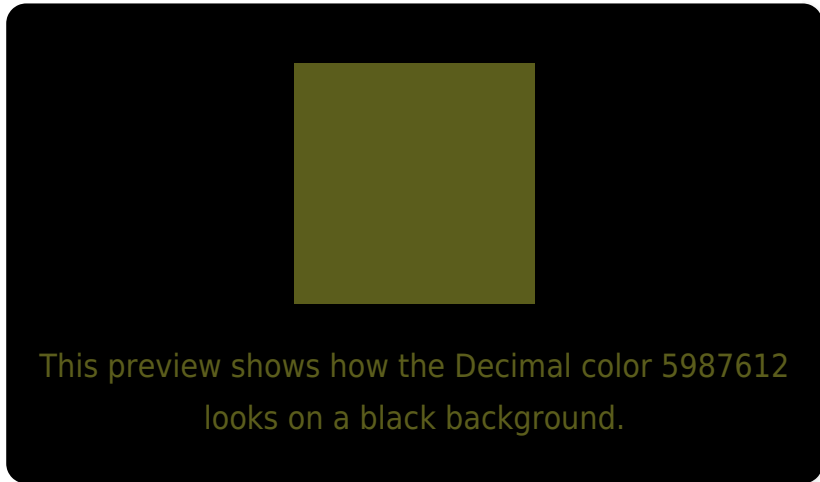
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

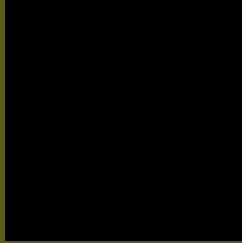
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Decimal 5987612 Background



This preview shows how black text looks on a background with the Decimal color 5987612.



This preview shows how white text looks on a background with the Decimal color 5987612.

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
5987612

Protanopia
6642203

Deuteranopia
7361823



Tritanopia
6379358

Trichromacy



Original Color
5987612

Protanomaly
6380315

Deuteranomaly
6838302

Tritanomaly
6248774

Monochromacy



Original Color
5987612

Achromatopsia
5592405

Achromatomaly
5724224

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5987612 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 #5B5D1C looks like.

```
.text, #text, p{  
    color:#5B5D1C  
}
```

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 #5B5D1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5D1C
}
```

Border

The CSS property to change the border of an element to Decimal 5987612 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
#5B5D1C }
```

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

```
.border{ border-color:#5B5D1C }
```

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

Here you see how a box with a 4 pixel #5B5D1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5D1C; -webkit-box-shadow:4px 4px  
4px 4px #5B5D1C; box-shadow:4px 4px 4px  
4px #5B5D1C }
```

Background

The CSS property to change the background color of an element to Decimal 5987612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5D1C }
```

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

```
.background{ background-color:#5B5D1C }
```

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