

Converting Colors

Decimal(6989831)

Have a look what the booklet for
Decimal(6989831) contains.

Decimal(6989831)	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(6989831)

Conversions

Conversions Part 1

Format	Color
Hex	6AA807
RGB	106, 168, 7
RGB Percent	42%, 66%, 3%
CMY	0.5843, 0.3412, 0.9725
CMYK	0.37, 0.00, 0.96, 0.34
HSL	83°, 92%, 34%
HSV	83°, 96%, 66%
XYZ	19.9848, 31.0848, 5.1477
YIQ	131.1080, 14.7290, -63.2150

Conversions

Conversions Part 2

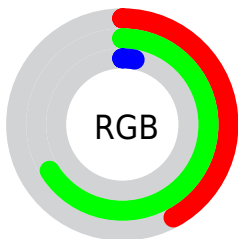
Format	Color
RYB	7, 168, 69
Decimal	6989831
CIELab	62.58, -41.38, 63.16
CIElCh	63, 75.513, 123.232
Yxy	31.0848, 0.3555, 0.5529
Android (android.graphics.Color)	4285179911 (0xFF6AA807)
YUV	131.1080, -61.1852, -22.0197
Hunter-Lab	55.7537, -33.5859, 33.5534

Details

The Decimal color **6989831** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **4523944**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **10739789**, and **3240704** is the 20% darker color. If you saturate the color by 10%, you get **6793216**, and if you desaturate by 10%, it is **7383064**.

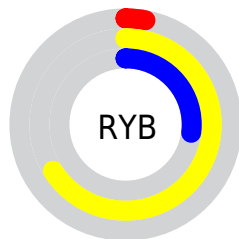
Distribution



Red (42%)

Green (66%)

Blue (3%)



Red (3%)

Yellow (66%)

Blue (27%)

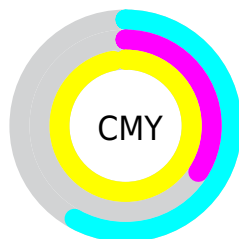


Cyan (37%)

Magenta (0%)

Yellow (96%)

Black (34%)



Cyan (58%)





Magenta (34%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6989831 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 6989831 by changing the saturation by 10% instead.

 6989831	 6989831
 16777215	 5147904
 10739789	 3240704
 12581993	 875008
 14548868	 16896
 16449440	 11264
 16777149	 4096
 16777177	 0
 16777207	
 6989831	 6989831

■ 6793216

■ 7383064

■ 7841833

■ 8235065

■ 8693834

■ 9087067

■ 9545836

■ 9939069

■ 10397837

■ 10791070

Harmonies

Analogous

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



11507456



6989831



45399

Triad

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



6989831



44799



16731283

Complementary

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



6989831



4523944

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.



15491285



6989831



40447

Square

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



6989831



46559



10388223



16735570

Rectangle

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



6989831



46469



10388223



16732074

Sweetspot

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



6989831



12835740



11027719



6254151



15592941



7237230

Same Dimension

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



6989831



8903424



1746951



5329996



6001664



857088

Inverse Universe

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



4523944



5505243



9766824



5196884



3735700



524308

Previews

White Background



This preview shows how the Decimal color 6989831 looks on a white 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

Black Background



This preview shows how the Decimal color 6989831 looks on a 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 ✓ Pass

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

Decimal 6989831 Background



This preview shows how black text looks on a background with the Decimal color 6989831.



This preview shows how white text looks on a background with the Decimal color 6989831.

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
6989831

Protanopia
11179776

Deuteranopia
12488481



Tritanopia
8166569

Trichromacy



Original Color
6989831

Protanomaly
9673987

Deuteranomaly
10459160

Tritanomaly
7708782

Monochromacy



Original Color
6989831

Achromatopsia
8618883

Achromatomaly
8032342

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6989831 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 #6AA807 looks like.

```
.text, #text, p{  
    color:#6AA807  
}
```

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 #6AA807 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AA807
}
```

Border

The CSS property to change the border of an element to Decimal 6989831 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
#6AA807 }
```

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

```
.border{ border-color:#6AA807 }
```

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

Here you see how a box with a 4 pixel #6AA807 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AA807; -webkit-box-shadow:4px 4px  
4px 4px #6AA807; box-shadow:4px 4px 4px  
4px #6AA807 }
```

Background

The CSS property to change the background color of an element to Decimal 6989831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AA807 }
```

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

```
.background{ background-color:#6AA807 }
```

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