

Converting Colors

Decimal(7325751)

Have a look what the booklet for
Decimal(7325751) contains.

Decimal(7325751)	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(7325751)

Conversions

Conversions Part 1

Format	Color
Hex	6FC837
RGB	111, 200, 55
RGB Percent	44%, 78%, 22%
CMY	0.5647, 0.2157, 0.7843
CMYK	0.45, 0.00, 0.72, 0.22
HSL	97°, 57%, 50%
HSV	97°, 72%, 78%
XYZ	27.8994, 44.9639, 10.8229
YIQ	156.8590, -6.4990, -63.9630

Conversions

Conversions Part 2

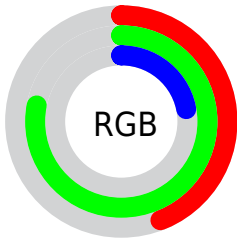
Format	Color
RYB	55, 200, 144
Decimal	7325751
CIELab	72.87, -50.76, 60.58
CIELCh	73, 79.030, 129.961
Yxy	44.9639, 0.3334, 0.5373
Android (android.graphics.Color)	4285515831 (0xFF6FC837)
YUV	156.8590, -50.2165, -40.2183
Hunter-Lab	67.0551, -43.0785, 37.3690

Details

The Decimal color **7325751** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **9451464**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **11140975**, and **3313920** is the 20% darker color. If you saturate the color by 10%, you get **6539299**, and if you desaturate by 10%, it is **8112203**.

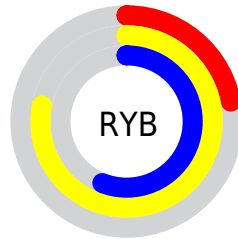
Distribution



Red (44%)

Green (78%)

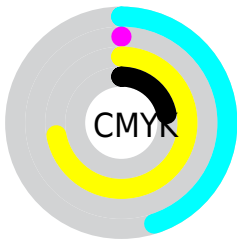
Blue (22%)



Red (22%)

Yellow (78%)

Blue (56%)

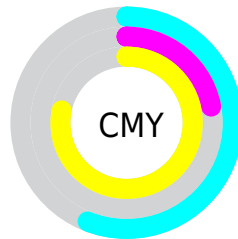


Cyan (45%)

Magenta (0%)

Yellow (72%)

Black (22%)



Cyan (56%)


















Magenta (22%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7325751 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 7325751 by changing the saturation by 10% instead.

 7325751	 7325751
16777215	 5418006
 11140975	 3313920
 13041546	 161536
 15007654	 23808
 16777155	 17664
 16777183	 11776
16777213	 4608
	 0
 7325751	 7325751

■ 6539299

■ 8112203

■ 5687311

■ 8964191

■ 5097472

■ 9750643

■ 10537095

■ 11323547

■ 12175535

■ 12961987

■ 13748439

■ 14534891

Harmonies

Analogous

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



12564224



7325751



53630

Triad

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



7325751



51455



16738462

Complementary

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



7325751



9451464

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.



16741350



7325751



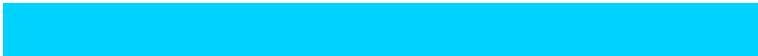
1750015

Square

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



7325751



54015



13931775



16743769

Rectangle

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



7325751



54449



13931775



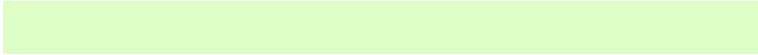
16738230

Sweetspot

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



7325751



14548935



13143607



7045214



0



8421504

Same Dimension

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



7325751



7864097



3655749



6120282



4170496



926720

Inverse Universe

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



9451464



11084287



13121466



6314595



6553763



1441828

Previews

White Background



This preview shows how the Decimal color 7325751 looks on a white background.

Color Contrast Check

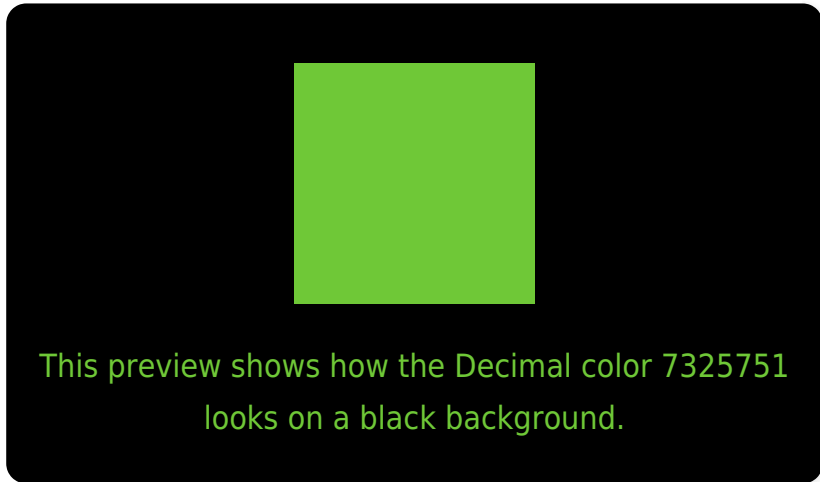
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 7325751 Background



This preview shows how black text looks on a background with the Decimal color 7325751.



This preview shows how white text looks on a background with the Decimal color 7325751.

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](#).

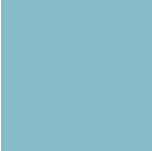
Dichromacy



Original Color
7325751

Protanopia
13087281

Deuteranopia
14592323



Tritanopia
8829898

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 7325751 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 #6FC837 looks like.

```
.text, #text, p{  
    color:#6FC837  
}
```

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 #6FC837 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FC837
}
```

Border

The CSS property to change the border of an element to Decimal 7325751 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
#6FC837 }
```

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

```
.border{ border-color:#6FC837 }
```

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

Here you see how a box with a 4 pixel #6FC837 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FC837; -webkit-box-shadow:4px 4px  
4px 4px #6FC837; box-shadow:4px 4px 4px  
4px #6FC837 }
```

Background

The CSS property to change the background color of an element to Hexadecimal #6FC837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FC837 }
```

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

```
.background{ background-color:#6FC837 }
```

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