

Converting Colors

Decimal(7450974)

Have a look what the booklet for
Decimal(7450974) contains.

Decimal(7450974)	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(7450974)

Conversions

Conversions Part 1

Format	Color
Hex	71B15E
RGB	113, 177, 94
RGB Percent	44%, 69%, 37%
CMY	0.5569, 0.3059, 0.6314
CMYK	0.36, 0.00, 0.47, 0.31
HSL	106°, 35%, 53%
HSV	106°, 47%, 69%
XYZ	24.5526, 35.7631, 16.1986
YIQ	148.4020, -11.5010, -39.3810

Conversions

Conversions Part 2

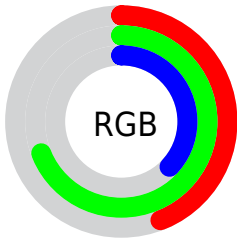
Format	Color
RYB	94, 177, 158
Decimal	7450974
CIELab	66.34, -36.47, 35.99
CIElCh	66, 51.238, 135.382
Yxy	35.7631, 0.3209, 0.4674
Android (android.graphics.Color)	4285641054 (0xFF71B15E)
YUV	148.4020, -26.8202, -31.0476
Hunter-Lab	59.8023, -31.3686, 25.8018

Details

The Decimal color **7450974** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **10378929**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **11004306**, and **3963949** is the 20% darker color. If you saturate the color by 10%, you get **6533452**, and if you desaturate by 10%, it is **8368496**.

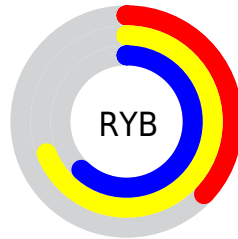
Distribution



Red (44%)

Green (69%)

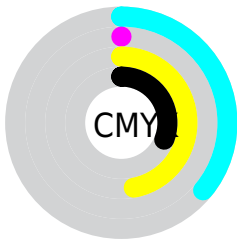
Blue (37%)



Red (37%)

Yellow (69%)

Blue (62%)

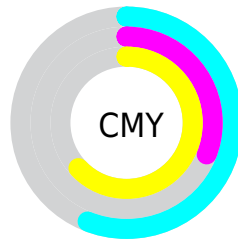


Cyan (36%)

Magenta (0%)

Yellow (47%)

Black (31%)



Cyan (56%)

Magenta (31%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7450974 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 7450974 by changing the saturation by 10% instead.



7450974



7450974

16777215



5674565



11004306



3963949



12910509



2122260



14745545



18944



16711653



13056



7680



0



7450974



7450974



6533452



8368496

■ 5681467

■ 9220481

■ 4763945

■ 10138003

■ 3846423

■ 11055525

■ 2994437

■ 11907511

■ 2732288

■ 12825032

■ 13742554

■ 14594540

■ 15512061

Harmonies

Analogous

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



10856004



7450974



1226632

Triad

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



7450974



44538



16284299

Complementary

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



7450974



10378929

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.



15433146



7450974



8298234

Square

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



7450974



46562



12815586



15500898

Rectangle

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



7450974



47272



12815586



16152987

Sweetspot

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



7450974



13493957



11640414



6583135



15921906



7566195

Same Dimension

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



7450974



8578661



6205812



5396816



2332928



399872

Inverse Universe

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



10378929



13133286



11624091



5722201



7733401



1310746

Previews

White Background



This preview shows how the Decimal color 7450974 looks on a white background.

Color Contrast Check

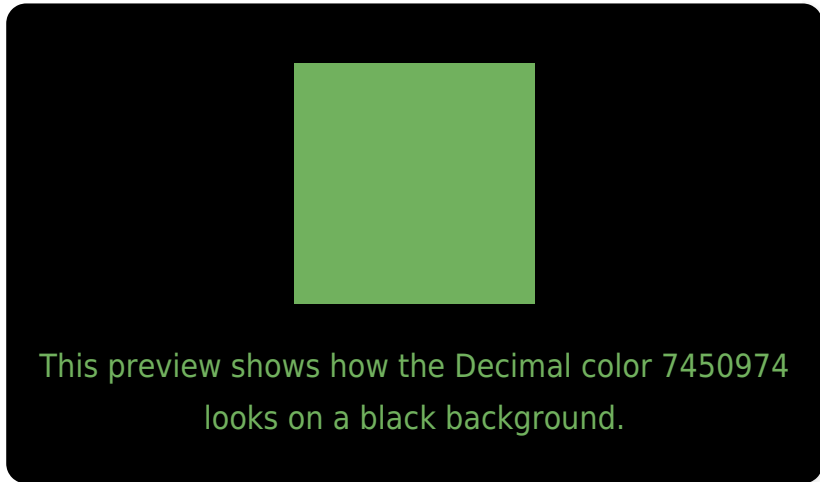
Large Text (above 18pt) WCAG AA × Fail

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 7450974 Background



This preview shows how black text looks on a background with the Decimal color 7450974.



This preview shows how white text looks on a background with the Decimal color 7450974.

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
7450974

Protanopia
11641176

Deuteranopia
12753252



Tritanopia
8431541

Trichromacy



Original Color

7450974



Protanomaly

10135386



Deuteranomaly

10855010



Tritanomaly

8104853

Monochromacy



Original Color

7450974



Achromatopsia

9737364



Achromatomaly

8888192

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7450974 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 #71B15E looks like.

```
.text, #text, p{  
    color:#71B15E  
}
```

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 #71B15E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71B15E
}
```

Border

The CSS property to change the border of an element to Decimal 7450974 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
#71B15E }
```

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

```
.border{ border-color:#71B15E }
```

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

Here you see how a box with a 4 pixel #71B15E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71B15E; -webkit-box-shadow:4px 4px  
4px 4px #71B15E; box-shadow:4px 4px 4px  
4px #71B15E }
```

Background

The CSS property to change the background color of an element to Decimal 7450974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71B15E }
```

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

```
.background{ background-color:#71B15E }
```

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