

Converting Colors

Decimal(7454255)

Have a look what the booklet for
Decimal(7454255) contains.

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Color

Decimal(7454255)

Conversions

Conversions Part 1

Format	Color
Hex	71BE2F
RGB	113, 190, 47
RGB Percent	44%, 75%, 18%
CMY	0.5569, 0.2549, 0.8157
CMYK	0.41, 0.00, 0.75, 0.25
HSL	92°, 60%, 46%
HSV	92°, 75%, 75%
XYZ	25.7366, 40.5429, 9.1584
YIQ	150.6750, 0.0110, -60.7970

Conversions

Conversions Part 2

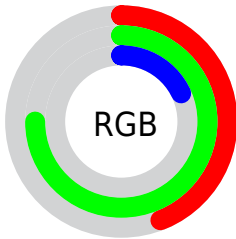
Format	Color
RYB	47, 190, 124
Decimal	7454255
CIELab	69.85, -46.59, 60.40
CIELCh	70, 76.276, 127.645
Yxy	40.5429, 0.3412, 0.5374
Android (android.graphics.Color)	4285644335 (0xFF71BE2F)
YUV	150.6750, -51.1118, -33.0410
Hunter-Lab	63.6733, -39.2789, 36.0433

Details

The Decimal color **7454255** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **8138686**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **11204455**, and **3639296** is the 20% darker color. If you saturate the color by 10%, you get **6798876**, and if you desaturate by 10%, it is **8109634**.

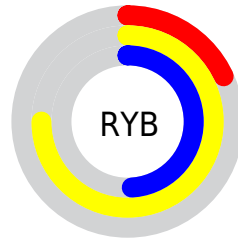
Distribution



Red (44%)

Green (75%)

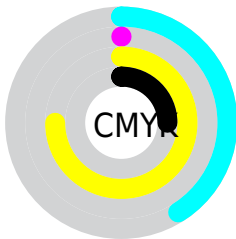
Blue (18%)



Red (18%)

Yellow (75%)

Blue (49%)

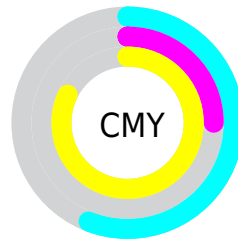


Cyan (41%)

Magenta (0%)

Yellow (75%)

Black (25%)



Cyan (56%)

Magenta (25%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7454255 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 7454255 by changing the saturation by 10% instead.

 7454255

 7454255

16777215

 5546760

 11204455

 3639296

 13107075

 1207808

 15073182

 21760

 16777147

 15616

 16777175

 10240

 16777205

 0

 7454255

 7454255

 6798876

 8109634

■ 6143497

■ 8765013

■ 5815808

■ 9485928

■ 10141307

■ 10796686

■ 11452065

■ 12172980

■ 12828359

■ 13483738

Harmonies

Analogous

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



12299520



7454255



51059

Triad

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



7454255



49407



16736924

Complementary

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



7454255



8138686

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.



16740577



7454255



44543

Square

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



7454255



51710



12816639



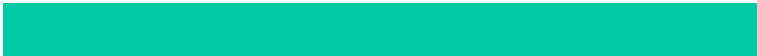
16741722

Rectangle

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



7454255



51875



12816639



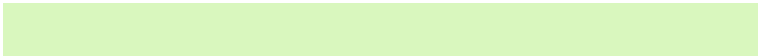
16737203

Sweetspot

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



7454255



14284734



12483375



6978906



16579836



8224125

Same Dimension

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



7454255



8386329



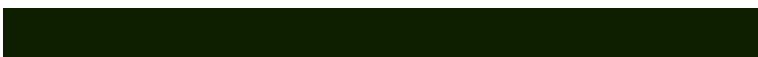
3128884



5856853



4824576



925440

Inverse Universe

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



8138686



9509367



12464057



5920094



5570718



1048607

Previews

White Background



This preview shows how the Decimal color 7454255 looks on a white background.

Color Contrast Check

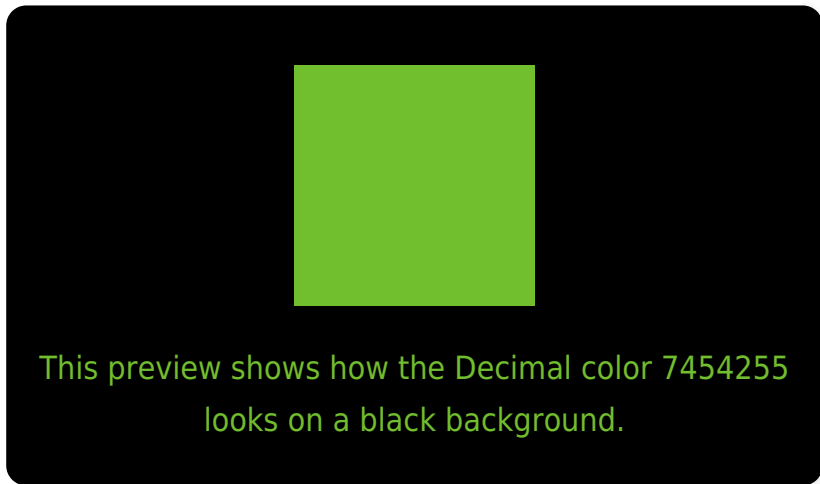
Large Text (above 18pt) WCAG AA × Fail

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 7454255 Background



This preview shows how black text looks on a background with the Decimal color 7454255.



This preview shows how white text looks on a background with the Decimal color 7454255.

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
7454255

Protanopia
12560938

Deuteranopia
13934907

Trichromacy



Original Color

7454255



Protanomaly

10727724



Deuteranomaly

11578423



Tritanomaly

8304267

Monochromacy



Original Color

7454255



Achromatopsia

9934743



Achromatomaly

9020785

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7454255 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 #71BE2F looks like.

```
.text, #text, p{  
    color:#71BE2F  
}
```

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 #71BE2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71BE2F
}
```

Border

The CSS property to change the border of an element to Decimal 7454255 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
#71BE2F }
```

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

```
.border{ border-color:#71BE2F }
```

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

Here you see how a box with a 4 pixel #71BE2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71BE2F; -webkit-box-shadow:4px 4px  
4px 4px #71BE2F; box-shadow:4px 4px 4px  
4px #71BE2F }
```

Background

The CSS property to change the background color of an element to Decimal 7454255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71BE2F }
```

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

```
.background{ background-color:#71BE2F }
```

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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