

Converting Colors

Decimal(4713573)

Have a look what the booklet for
Decimal(4713573) contains.

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Color

Decimal(4713573)

Conversions

Conversions Part 1

Format	Color
Hex	47EC65
RGB	71, 236, 101
RGB Percent	28%, 93%, 40%
CMY	0.7216, 0.0745, 0.6039
CMYK	0.70, 0.00, 0.57, 0.07
HSL	131°, 81%, 60%
HSV	131°, 70%, 93%
XYZ	34.9429, 62.2701, 22.4896
YIQ	171.2750, -55.0050, -76.9650

Conversions

Conversions Part 2

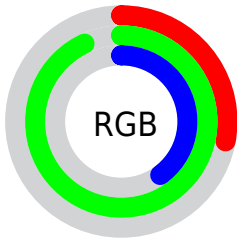
Format	Color
RYB	71, 211, 236
Decimal	4713573
CIELab	83.06, -68.78, 52.56
CIELCh	83, 86.567, 142.612
Yxy	62.2701, 0.2919, 0.5202
Android (android.graphics.Color)	4282903653 (0xFF47EC65)
YUV	171.2750, -34.6456, -87.9412
Hunter-Lab	78.9114, -59.0529, 38.3405

Details

The Decimal color **4713573** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **15484878**, and the grayscale version is **11316396**.

A 20% lighter version of the original color is **9174939**, and **45871** is the 20% darker color. If you saturate the color by 10%, you get **3140690**, and if you desaturate by 10%, it is **6286456**.

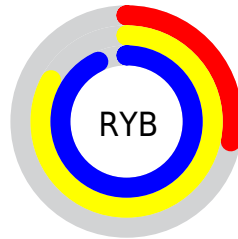
Distribution



Red (28%)

Green (93%)

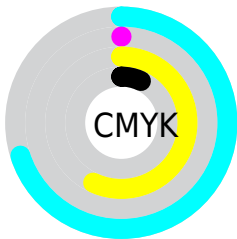
Blue (40%)



Red (28%)

Yellow (83%)

Blue (93%)

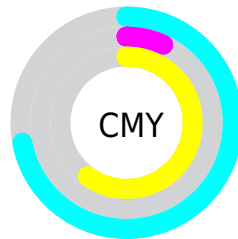


Cyan (70%)

Magenta (0%)

Yellow (57%)

Black (7%)



Cyan (72%)

Magenta (7%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4713573 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 4713573 by changing the saturation by 10% instead.

4713573

4713573

16777215

1101642

9174939

45871

11272119

38670

13303764

31744

15335409

24832

18432

12288

4864

0

■ 4713573

■ 4713573

■ 3140690

■ 6286456

■ 1633342

■ 7793804

■ 60459

■ 9366687

■ 10874034

■ 12446918

■ 14019801

■ 15527148

■ 16772351

Harmonies

Analogous

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



12311828



4713573



62391

Triad

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



4713573



57087



16745109

Complementary

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



4713573



15484878

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.



16744167



4713573



10863359

Square

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



4713573



61183



16751871



16753228

Rectangle

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



4713573



62960



16751871



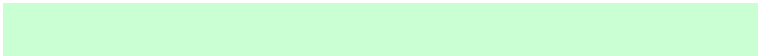
16743600

Sweetspot

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



4713573



13238227



13691975



6324325



0



8421504

Same Dimension

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



4713573



2752336



4713653



6976876



46369



13834

Inverse Universe

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



15484878



16722392



15484798



7694963



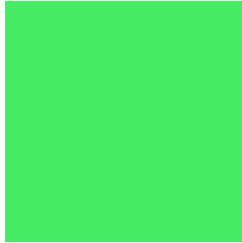
11862164



3538988

Previews

White Background



This preview shows how the Decimal color 4713573 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 4713573 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

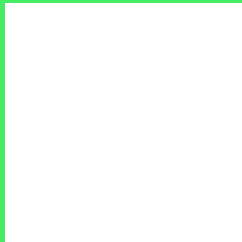
Any Text WCAG AAA ✓ Pass

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

Decimal 4713573 Background



This preview shows how black text looks on a background with the Decimal color 4713573.




This preview shows how white text looks on a background with the Decimal color 4713573.

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





Tritanopia
7528176

Trichromacy



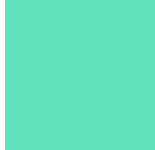
Original Color
4713573



Protanomaly
11262047



Deuteranomaly
12243564



Tritanomaly
6480829

Monochromacy



Original Color
4713573



Achromatopsia
11250603



Achromatomaly
8897426

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4713573 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 #47EC65 looks like.

```
.text, #text, p{  
    color:#47EC65  
}
```

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 #47EC65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47EC65
}
```

Border

The CSS property to change the border of an element to Decimal 4713573 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
#47EC65 }
```

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

```
.border{ border-color:#47EC65 }
```

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

Here you see how a box with a 4 pixel #47EC65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47EC65; -webkit-box-shadow:4px 4px  
4px 4px #47EC65; box-shadow:4px 4px 4px  
4px #47EC65 }
```

Background

The CSS property to change the background color of an element to Decimal 4713573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47EC65 }
```

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

```
.background{ background-color:#47EC65 }
```

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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