

Converting Colors

Decimal(8049706)

Have a look what the booklet for
Decimal(8049706) contains.

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Color

Decimal(8049706)

Conversions

Conversions Part 1

Format	Color
Hex	7AD42A
RGB	122, 212, 42
RGB Percent	48%, 83%, 16%
CMY	0.5216, 0.1686, 0.8353
CMYK	0.42, 0.00, 0.80, 0.17
HSL	92°, 67%, 50%
HSV	92°, 80%, 83%
XYZ	31.9874, 51.3917, 10.4242
YIQ	165.7100, 0.9300, -71.9500

Conversions

Conversions Part 2

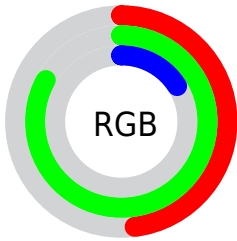
Format	Color
R_{YB}	42, 212, 132
Decimal	8049706
CIE Lab	76.92, -52.71, 68.71
CIE LCh	77, 86.595, 127.494
Yxy	51.3917, 0.3410, 0.5479
Android (android.graphics.Color)	4286239786 (0xFF7AD42A)
YUV	165.7100, -60.9890, -38.3337
Hunter-Lab	71.6880, -45.8067, 41.5602

Details

The Decimal color **8049706** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **8661716**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **11927398**, and **4037888** is the 20% darker color. If you saturate the color by 10%, you get **7328789**, and if you desaturate by 10%, it is **8770623**.

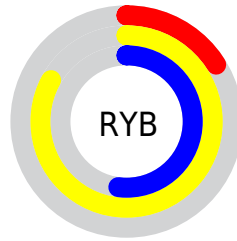
Distribution



Red (48%)

Green (83%)

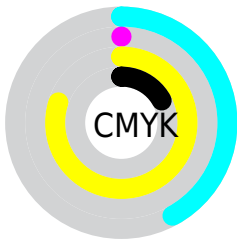
Blue (16%)



Red (16%)

Yellow (83%)

Blue (52%)

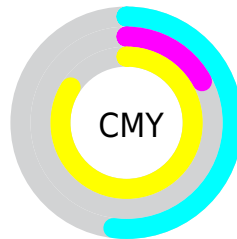


Cyan (42%)

Magenta (0%)

Yellow (80%)

Black (17%)



Cyan (52%)

Magenta (17%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8049706 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 8049706 by changing the saturation by 10% instead.



8049706



8049706

16777215



6076416



11927398



4037888



13827971



1409536



15859615



26624



16777148



20224



16777177



14080



16777206



8192



0



8049706



8049706

■ 7328789

■ 8770623

■ 6607872

■ 9491540

■ 10277994

■ 10998911

■ 11719828

■ 12440745

■ 13227198

■ 13948116

■ 14669033

Harmonies

Analogous

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



13746432



8049706



56957

Triad

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



8049706



55295



16738221

Complementary

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



8049706



8661716

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.



16742653



8049706



49663

Square

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



8049706



57855



14196735



16744032

Rectangle

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



8049706



58036



14196735



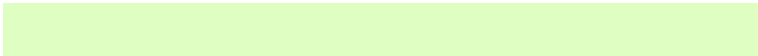
16738504

Sweetspot

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



8049706



14680002



13926954



7110747



0



8421504

Same Dimension

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



8049706



8257290



2806829



6646624



5286656



1321728

Inverse Universe

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



8661716



9177855



13904593



6709355



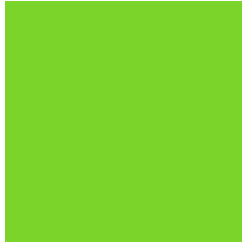
5898411



1507371

Previews

White Background



This preview shows how the Decimal color 8049706 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 8049706 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 8049706 Background



This preview shows how black text looks on a background with the Decimal color 8049706.



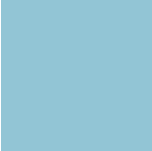
This preview shows how white text looks on a background with the Decimal color 8049706.

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
9618901

Trichromacy



Original Color
8049706



Protanomaly
11781414



Deuteranomaly
12828468



Tritanomaly
9030295

Monochromacy



Original Color
8049706



Achromatopsia
10921638



Achromatomaly
9877369

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8049706 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 #7AD42A looks like.

```
.text, #text, p{  
    color:#7AD42A  
}
```

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 #7AD42A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AD42A
}
```

Border

The CSS property to change the border of an element to Decimal 8049706 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
#7AD42A }
```

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

```
.border{ border-color:#7AD42A }
```

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

Here you see how a box with a 4 pixel #7AD42A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AD42A; -webkit-box-shadow:4px 4px  
4px 4px #7AD42A; box-shadow:4px 4px 4px  
4px #7AD42A }
```

Background

The CSS property to change the background color of an element to Decimal 8049706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AD42A }
```

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

```
.background{ background-color:#7AD42A }
```

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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