

Converting Colors

Decimal(8899379)

Have a look what the booklet for
Decimal(8899379) contains.

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Color

Decimal(8899379)

Conversions

Conversions Part 1

Format	Color
Hex	87CB33
RGB	135, 203, 51
RGB Percent	53%, 80%, 20%
CMY	0.4706, 0.2039, 0.8000
CMYK	0.33, 0.00, 0.75, 0.20
HSL	87°, 60%, 50%
HSV	87°, 75%, 80%
XYZ	31.9452, 48.1018, 10.7329
YIQ	165.3400, 8.2640, -61.6880

Conversions

Conversions Part 2

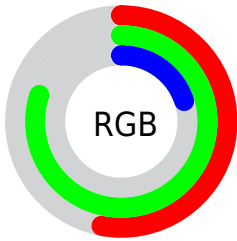
Format	Color
RYB	51, 203, 119
Decimal	8899379
CIELab	74.89, -44.13, 64.32
CIELCh	75, 77.999, 124.453
Yxy	48.1018, 0.3519, 0.5299
Android (android.graphics.Color)	4287089459 (0xFF87CB33)
YUV	165.3400, -56.3696, -26.6082
Hunter-Lab	69.3555, -39.1549, 39.3736

Details

The Decimal color **8899379** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **7812043**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **12713836**, and **5149696** is the 20% darker color. If you saturate the color by 10%, you get **8309535**, and if you desaturate by 10%, it is **9489223**.

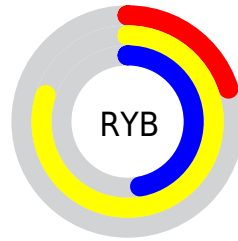
Distribution



Red (53%)

Green (80%)

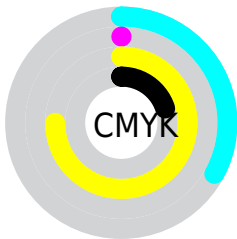
Blue (20%)



Red (20%)

Yellow (80%)

Blue (47%)

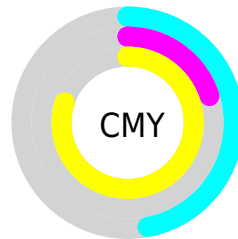


Cyan (33%)

Magenta (0%)

Yellow (75%)

Black (20%)



Cyan (47%)

Magenta (20%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8899379 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 8899379 by changing the saturation by 10% instead.



8899379



8899379

16777215



7057164



12713836



5149696



14614408



3176960



16580516



614656



16777152



18432



16777181



12544



16777211



6656



0



8899379



8899379

■ 8309535

■ 9489223

■ 7719690

■ 10079068

■ 7392000

■ 10668912

■ 11258756

■ 11848601

■ 12438445

■ 13093825

■ 13683669

■ 14273514

Harmonies

Analogous

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



13809920



8899379



54647

Triad

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



8899379



53503



16740273

Complementary

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



8899379



7812043

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.



16744696



8899379



48639

Square

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



8899379



55551



13082879



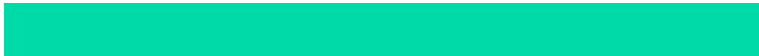
16744299

Rectangle

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



8899379



55720



13082879



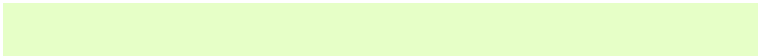
16740809

Sweetspot

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



8899379



15138759



13333811



7438430



0



8421504

Same Dimension

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



8899379



10026777



4049715



6383196



6071808



1385984

Inverse Universe

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



7812043



8395263



12661707



6315110



4849830



1114150

Previews

White Background



This preview shows how the Decimal color 8899379 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 8899379 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 8899379 Background



This preview shows how black text looks on a background with the Decimal color 8899379.

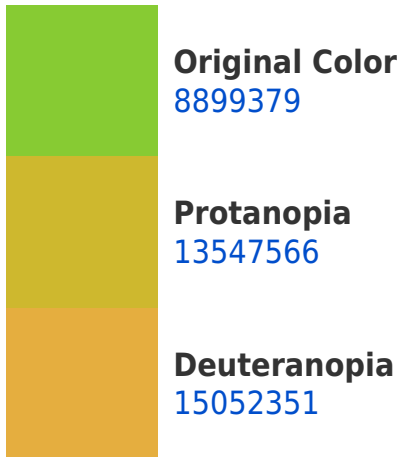


This preview shows how white text looks on a background with the Decimal color 8899379.

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



Trichromacy



Original Color
8899379



Protanomaly
11845424



Deuteranomaly
12826939

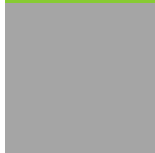


Tritanomaly
9749140

Monochromacy



Original Color
8899379



Achromatopsia
10855845



Achromatomaly
10138492

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8899379 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 #87CB33 looks like.

```
.text, #text, p{  
    color:#87CB33  
}
```

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 #87CB33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87CB33
}
```

Border

The CSS property to change the border of an element to Decimal 8899379 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
#87CB33 }
```

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

```
.border{ border-color:#87CB33 }
```

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

Here you see how a box with a 4 pixel #87CB33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87CB33; -webkit-box-shadow:4px 4px  
4px 4px #87CB33; box-shadow:4px 4px 4px  
4px #87CB33 }
```

Background

The CSS property to change the background color of an element to Decimal 8899379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87CB33 }
```

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

```
.background{ background-color:#87CB33 }
```

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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