

Converting Colors

Decimal(3983422)

Have a look what the booklet for
Decimal(3983422) contains.

| | |
|--|----|
| Decimal(3983422) | 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(3983422)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 3CC83E |
| RGB | 60, 200, 62 |
| RGB Percent | 24%, 78%, 24% |
| CMY | 0.7647, 0.2157, 0.7569 |
| CMYK | 0.70, 0.00, 0.69, 0.22 |
| HSL | 121°, 56%, 51% |
| HSV | 121°, 70%, 78% |
| XYZ | 23.3873, 42.6170, 11.5507 |
| YIQ | 142.4080, -39.1420, -72.5980 |

Conversions

Conversions Part 2

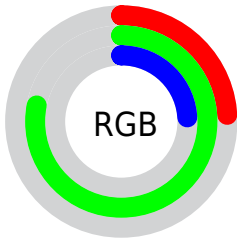
| Format | Color |
|-------------------------------------|--|
| RYB | 60, 198, 200 |
| Decimal | 3983422 |
| CIELab | 71.29, -62.95, 55.83 |
| CIELCh | 71, 84.142, 138.431 |
| Yxy | 42.6170, 0.3016, 0.5495 |
| Android (android.graphics.Color) | 4282173502 (0xFF3CC83E) |
| YUV | 142.4080, -39.6411, -72.2718 |
| Hunter-Lab | 65.2817, -50.2951, 35.2066 |

Details

The Decimal color **3983422** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **13122758**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **8322932**, and **37120** is the 20% darker color. If you saturate the color by 10%, you get **2672682**, and if you desaturate by 10%, it is **5294162**.

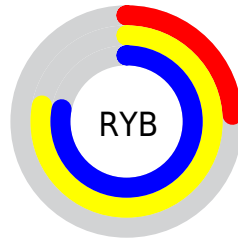
Distribution



Red (24%)

Green (78%)

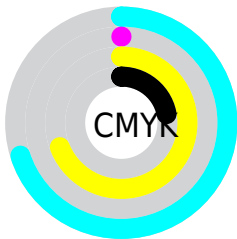
Blue (24%)



Red (24%)

Yellow (78%)

Blue (78%)

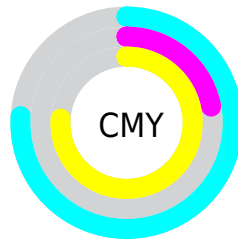


Cyan (70%)

Magenta (0%)

Yellow (69%)

Black (22%)



Cyan (76%)

Magenta (22%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3983422 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 3983422 by changing the saturation by 10% instead.



3983422



3983422

16777215



44064



8322932



37120



10289040



30208



12320683



23552



14286792



17152



16318437



11008



2304



0



3983422



3983422

■ 2672682

■ 5294162

■ 1361943

■ 6604901

■ 51203

■ 7915641

■ 9226381

■ 10537121

■ 11847860

■ 13158600

■ 14469340

■ 15780079

Harmonies

Analogous

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



10860800



3983422



53133

Triad

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



3983422



49407



16735875

Complementary

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



3983422



13122758

Split Complementary

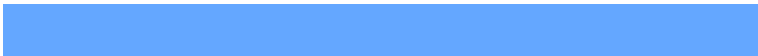
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16736208



3983422



6596607

Square

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



3983422



52735



15500031



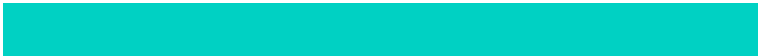
16743995

Rectangle

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



3983422



53699



15500031



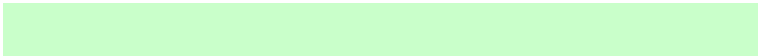
16734620

Sweetspot

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



3983422



13238218



13158460



6324320



0



8421504

Same Dimension

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



3983422



2752300



3983490



5923674



41730



9217

Inverse Universe

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



13122758



16722428



13122690



6511203



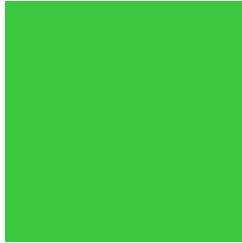
10682529



2359331

Previews

White Background



This preview shows how the Decimal color 3983422 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 3983422 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 3983422 Background



This preview shows how black text looks on a background with the Decimal color 3983422.

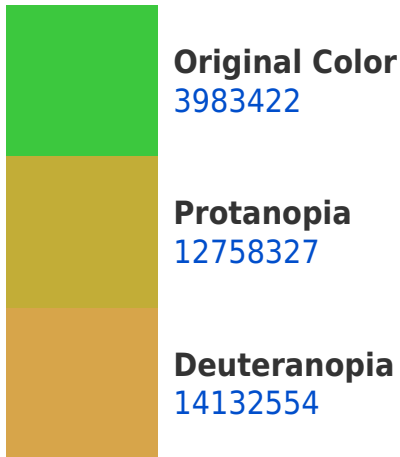


This preview shows how white text looks on a background with the Decimal color 3983422.

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
6470602

Trichromacy



Original Color

3983422



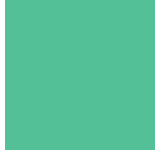
Protanomaly

9549626



Deuteranomaly

10465862



Tritanomaly

5554327

Monochromacy



Original Color

3983422



Achromatopsia

9342606



Achromatomaly

7381873

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3983422 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 #3CC83E looks like.

```
.text, #text, p{  
    color:#3CC83E  
}
```

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 #3CC83E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CC83E
}
```

Border

The CSS property to change the border of an element to Decimal 3983422 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
#3CC83E }
```

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

```
.border{ border-color:#3CC83E }
```

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

Here you see how a box with a 4 pixel #3CC83E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CC83E; -webkit-box-shadow:4px 4px  
4px 4px #3CC83E; box-shadow:4px 4px 4px  
4px #3CC83E }
```

Background

The CSS property to change the background color of an element to Decimal 3983422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CC83E }
```

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

```
.background{ background-color:#3CC83E }
```

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