

Converting Colors

Decimal(4250944)

Have a look what the booklet for
Decimal(4250944) contains.

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Color

Decimal(4250944)

Conversions

Conversions Part 1

Format	Color
Hex	40DD40
RGB	64, 221, 64
RGB Percent	25%, 87%, 25%
CMY	0.7490, 0.1333, 0.7490
CMYK	0.71, 0.00, 0.71, 0.13
HSL	120°, 70%, 56%
HSV	120°, 71%, 87%
XYZ	28.8962, 53.1731, 13.5909
YIQ	156.1590, -43.1750, -82.1110

Conversions

Conversions Part 2

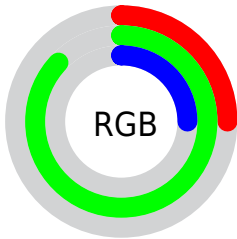
Format	Color
RYB	64, 221, 221
Decimal	4250944
CIELab	77.98, -68.87, 62.08
CIELCh	78, 92.717, 137.969
Yxy	53.1731, 0.3021, 0.5559
Android (android.graphics.Color)	4282441024 (0xFF40DD40)
YUV	156.1590, -45.4344, -80.8234
Hunter-Lab	72.9199, -56.8749, 39.9933

Details

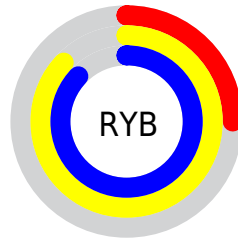
The Decimal color **4250944** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **14500061**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **8781688**, and **41984** is the 20% darker color. If you saturate the color by 10%, you get **2809130**, and if you desaturate by 10%, it is **5692758**.

Distribution



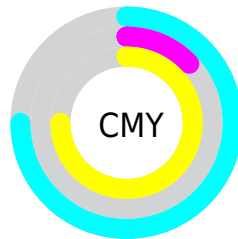
- Red (25%)
- Green (87%)
- Blue (25%)



- Red (25%)
- Yellow (87%)
- Blue (87%)



- Cyan (71%)
- Magenta (0%)
- Yellow (71%)
- Black (13%)



- Cyan (75%)
- Magenta (13%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4250944 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 4250944 by changing the saturation by 10% instead.



4250944



4250944

16777215



49184



8781688



41984



10813332



35072



12844976



28160



14876621



21504



16777194



15360



8960



0



4250944



4250944

■ 2809130

■ 5692758

■ 1367316

■ 7134572

■ 56576

■ 8576386

■ 10018200

■ 11525551

■ 12967365

■ 14409179

■ 15850993

■ 16768511

Harmonies

Analogous

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



11979776



4250944



58778

Triad

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



4250944



54783



16737425

Complementary

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



4250944



1450061

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.



16738023



4250944



6666751

Square

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



4250944



58367



16748543



16746816

Rectangle

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



4250944



59350



16748543



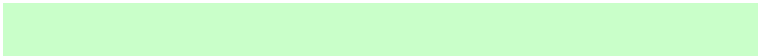
16735918

Sweetspot

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



4250944



13238217



14540096



6324320



0



8421504

Same Dimension

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



4250944



2555686



4251023



6516323



44288



11776

Inverse Universe

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



14500061



16721663



14499983



7234414



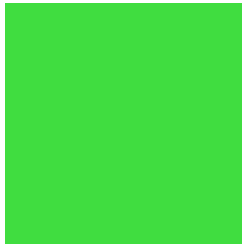
11337901



3014702

Previews

White Background



This preview shows how the Decimal color 4250944 looks on a white background.

Color Contrast Check

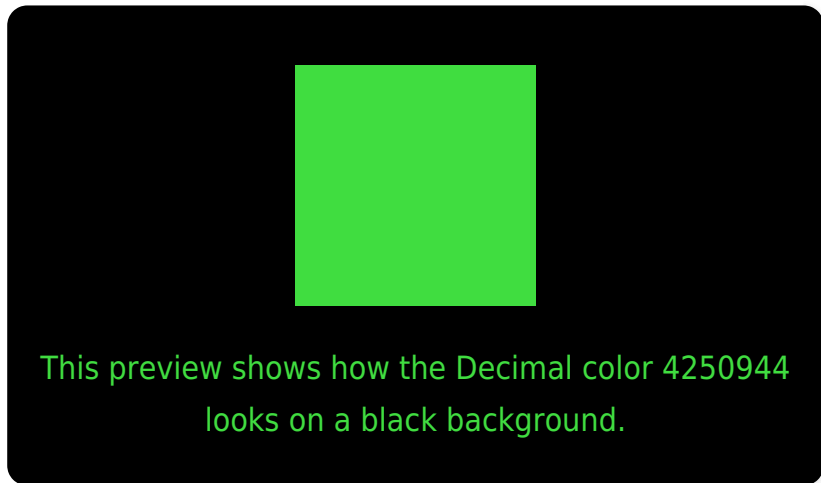
Large Text (above 18pt) WCAG AA × Fail

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 4250944 Background



This preview shows how black text looks on a background with the Decimal color 4250944.

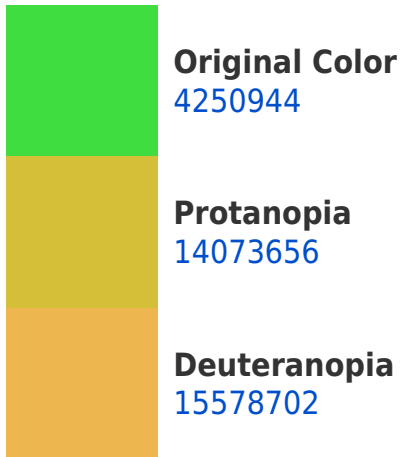


This preview shows how white text looks on a background with the Decimal color 4250944.

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
7130847

Trichromacy



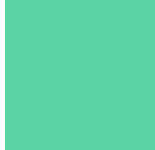
Original Color
4250944



Protanomaly
10471995



Deuteranomaly
11453513



Tritanomaly
6083493

Monochromacy



Original Color
4250944



Achromatopsia
10263708



Achromatomaly
8107131

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4250944 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 #40DD40 looks like.

```
.text, #text, p{  
    color:#40DD40  
}
```

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 #40DD40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40DD40
}
```

Border

The CSS property to change the border of an element to Decimal 4250944 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
#40DD40 }
```

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

```
.border{ border-color:#40DD40 }
```

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

Here you see how a box with a 4 pixel #40DD40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40DD40; -webkit-box-shadow:4px 4px  
4px 4px #40DD40; box-shadow:4px 4px 4px  
4px #40DD40 }
```

Background

The CSS property to change the background color of an element to Decimal 4250944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40DD40 }
```

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

```
.background{ background-color:#40DD40 }
```

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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