

Converting Colors

Decimal(48950)

Have a look what the booklet for
Decimal(48950) contains.

Decimal(48950)	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(48950)

Conversions

Conversions Part 1

Format	Color
Hex	00BF36
RGB	0, 191, 54
RGB Percent	0%, 75%, 21%
CMY	1.0000, 0.2510, 0.7882
CMYK	1.00, 0.00, 0.72, 0.25
HSL	137°, 100%, 37%
HSV	137°, 100%, 75%
XYZ	19.2967, 37.5279, 9.7166
YIQ	118.2730, -69.8590, -83.0990

Conversions

Conversions Part 2

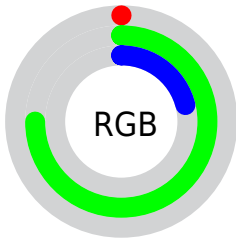
Format	Color
RYB	0, 149, 191
Decimal	48950
CIELab	67.67, -66.78, 54.89
CIELCh	68, 86.445, 140.585
Yxy	37.5279, 0.2900, 0.5640
Android (android.graphics.Color)	4278239030 (0xFF00BF36)
YUV	118.2730, -31.6866, -103.7254
Hunter-Lab	61.2601, -50.9784, 33.4779

Details

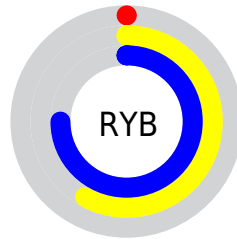
The Decimal color **48950** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **12517513**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **6617452**, and **34816** is the 20% darker color. If you saturate the color by 10%, you get **48950**, and if you desaturate by 10%, it is **1294148**.

Distribution



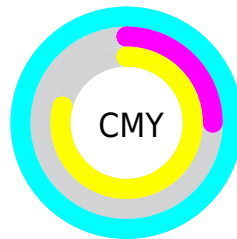
- Red (0%)
- Green (75%)
- Blue (21%)



- Red (0%)
- Yellow (58%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (72%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 48950 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 48950 by changing the saturation by 10% instead.

 48950	 48950
 16777215	 41751
 6617452	 34816
 8716168	 27904
 10747811	 21248
 12779455	 15104
 14745564	 8704
 16777209	 0

 48950

 1294148

 2539345

 3784543

 5029741

 6340475

 7585672

 8830870

 10076068

 11321265

Harmonies

Analogous

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



9679104



48950



50825

Triad

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



48950



46847



16732019

Complementary

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



48950



12517513

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.



16731329



48950



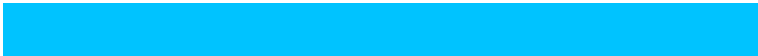
6462463

Square

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



48950



50175



15299839



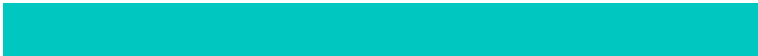
16741671

Rectangle

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



48950



51135



15299839



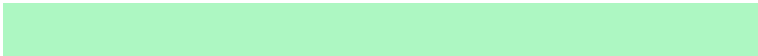
16730253

Sweetspot

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



48950



11401154



9223936



5274973



16579836



8224125

Same Dimension

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



48950



63302



49042



5594712



40493



7945

Inverse Universe

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



12517513



16187569



12517421



6182236



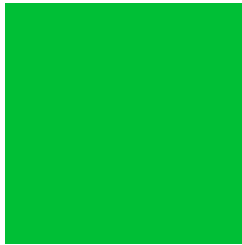
10354801



2031638

Previews

White Background



This preview shows how the Decimal color 48950 looks on a white background.

Color Contrast Check

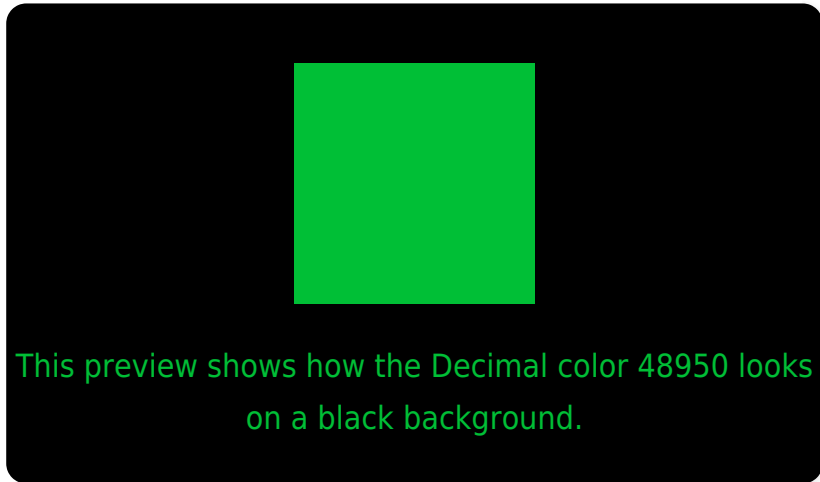
Large Text (above 18pt) WCAG AA × Fail

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 48950 Background



This preview shows how black text looks on a background with the Decimal color 48950.

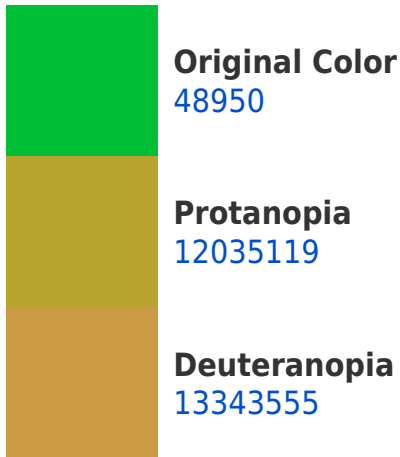


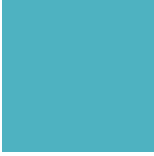
This preview shows how white text looks on a background with the Decimal color 48950.

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
5157569

Trichromacy



Original Color
48950



Protanomaly
7646770



Deuteranomaly
8497214



Tritanomaly
3323790

Monochromacy



Original Color
48950



Achromatopsia
7763574



Achromatomaly
4952415

CSS Examples

Text

The CSS property to change the color of the text to Decimal 48950 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 #00BF36 looks like.

```
.text, #text, p{  
    color:#00BF36  
}
```

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 #00BF36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00BF36
}
```

Border

The CSS property to change the border of an element to Decimal 48950 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
#00BF36 }
```

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

```
.border{ border-color:#00BF36 }
```

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

Here you see how a box with a 4 pixel #00BF36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00BF36; -webkit-box-shadow:4px 4px  
4px 4px #00BF36; box-shadow:4px 4px 4px  
4px #00BF36 }
```

Background

The CSS property to change the background color of an element to Decimal 48950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00BF36 }
```

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

```
.background{ background-color:#00BF36 }
```

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