

Converting Colors

Decimal(11003950)

Have a look what the booklet for
Decimal(11003950) contains.

Decimal(11003950)	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(11003950)

Conversions

Conversions Part 1

Format	Color
Hex	A7E82E
RGB	167, 232, 46
RGB Percent	65%, 91%, 18%
CMY	0.3451, 0.0902, 0.8196
CMYK	0.28, 0.00, 0.80, 0.09
HSL	81°, 80%, 55%
HSV	81°, 80%, 91%
XYZ	45.2861, 66.1260, 12.9615
YIQ	191.3610, 20.9660, -71.6260

Conversions

Conversions Part 2

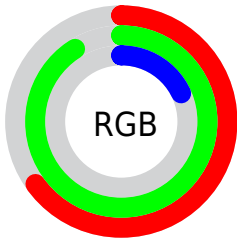
Format	Color
RYB	46, 232, 111
Decimal	11003950
CIELab	85.06, -45.08, 75.86
CIELCh	85, 88.244, 120.724
Yxy	66.1260, 0.3641, 0.5317
Android (android.graphics.Color)	4289194030 (0xFFA7E82E)
YUV	191.3610, -71.6630, -21.3646
Hunter-Lab	81.3179, -42.8992, 47.4721

Details

The Decimal color **11003950** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **7286504**, and the grayscale version is **12632256**.

A 20% lighter version of the original color is **14876525**, and **7188480** is the 20% darker color. If you saturate the color by 10%, you get **10479639**, and if you desaturate by 10%, it is **11528261**.

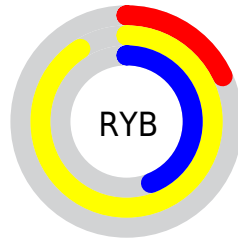
Distribution



Red (65%)

Green (91%)

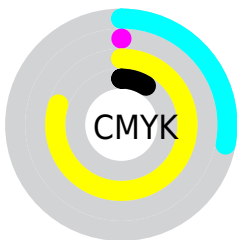
Blue (18%)



Red (18%)

Yellow (91%)

Blue (44%)

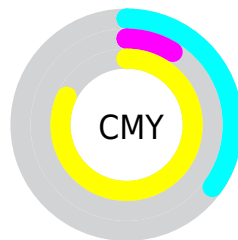


Cyan (28%)

Magenta (0%)

Yellow (80%)

Black (9%)



Cyan (35%)


















Magenta (9%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11003950 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 11003950 by changing the saturation by 10% instead.

 11003950	 11003950
 16777215	 9096192
 14876525	 7188480
 16777097	 5215488
 16777126	 3242752
 16777155	 221440
 16777185	 18688
	 12800
	 6656
	 0

■ 11003950

■ 11003950

■ 10479639

■ 11528261

■ 9955328

■ 12052572

■ 12576884

■ 13101195

■ 13691042

■ 14215353

■ 14739664

■ 15263976

■ 15788287

Harmonies

Analogous

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



16503040



11003950



62846

Triad

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



11003950



62207



16744406

Complementary

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



11003950



7286504

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.



16750335



11003950



57087

Square

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



11003950



64255



13942271



16747908

Rectangle

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



11003950



64183



13942271



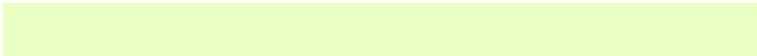
16745458

Sweetspot

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



11003950



15400898



15232046



7569499



0



8421504

Same Dimension

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



11003950



11140874



5105710



7304039



7648000



2175744

Inverse Universe

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



7286504



6294271



13184744



7038835



4063411



1179699

Previews

White Background



This preview shows how the Decimal color 11003950 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 11003950 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 11003950 Background



This preview shows how black text looks on a background with the Decimal color 11003950.

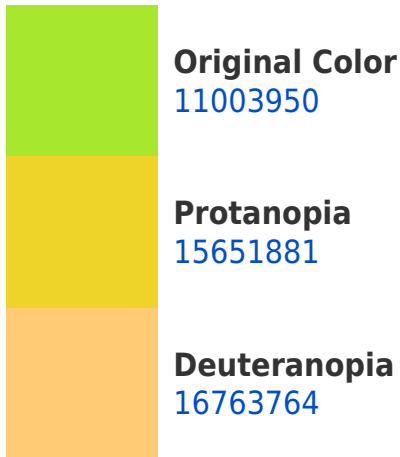


This preview shows how white text looks on a background with the Decimal color 11003950.

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](#).

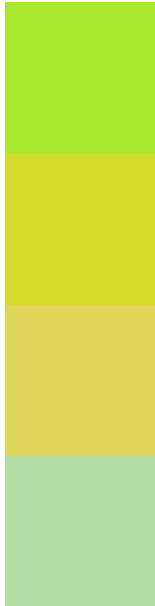
Dichromacy





Tritanopia
12376297

Trichromacy



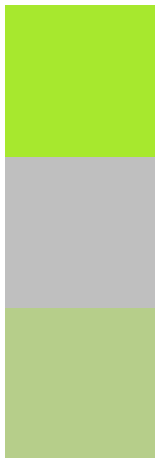
Original Color
11003950

Protanomaly
13949739

Deuteranomaly
14669403

Tritanomaly
11853477

Monochromacy



Original Color
11003950

Achromatopsia
12566463

Achromatomaly
11980426

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11003950 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 #A7E82E looks like.

```
.text, #text, p{  
    color:#A7E82E  
}
```

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 #A7E82E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A7E82E
}
```

Border

The CSS property to change the border of an element to Decimal 11003950 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
#A7E82E }
```

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

```
.border{ border-color:#A7E82E }
```

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

Here you see how a box with a 4 pixel #A7E82E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A7E82E; -webkit-box-shadow:4px 4px  
4px 4px #A7E82E; box-shadow:4px 4px 4px  
4px #A7E82E }
```

Background

The CSS property to change the background color of an element to Decimal 11003950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A7E82E }
```

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

```
.background{ background-color:#A7E82E }
```

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