

# Converting Colors

Decimal(11134264)

Have a look what the booklet for  
Decimal(11134264) contains.

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# **Color**

**Decimal(11134264)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A9E538
RGB	169, 229, 56
RGB Percent	66%, 90%, 22%
CMY	0.3373, 0.1020, 0.7804
CMYK	0.26, 0.00, 0.76, 0.10
HSL	81°, 77%, 56%
HSV	81°, 76%, 90%
XYZ	45.0953, 64.7592, 13.8644
YIQ	191.3380, 19.7730, -66.5230

# Conversions

## Conversions Part 2

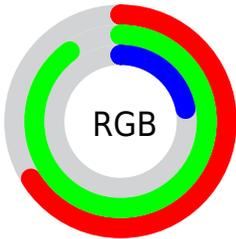
<b>Format</b>	<b>Color</b>
<b>RYB</b>	56, 229, 116
Decimal	11134264
CIELab	84.36, -42.61, 72.42
CIElCh	84, 84.022, 120.474
Yxy	64.7592, 0.3645, 0.5234
Android (android.graphics.Color)	4289324344 (0xFFA9E538)
YUV	191.3380, -66.7216, -19.5904
Hunter-Lab	80.4731, -40.8005, 46.1163

# Details

The Decimal color **11134264** is a light color, and the websafe version is hex **99CC00**. The color can be described as light washed chartreuse. A complement of this color would be **7616741**, and the grayscale version is **12632256**.

A 20% lighter version of the original color is **15007603**, and **7318784** is the 20% darker color. If you saturate the color by 10%, you get **10609953**, and if you desaturate by 10%, it is **11658575**.

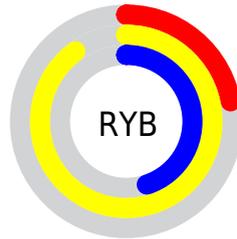
# Distribution



Red (66%)

Green (90%)

Blue (22%)



Red (22%)

Yellow (90%)

Blue (45%)

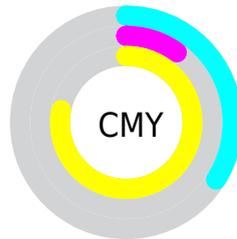


Cyan (26%)

Magenta (0%)

Yellow (76%)

Black (10%)



Cyan (34%)

Magenta (10%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11134264 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 11134264 by changing the saturation by 10% instead.

 11134264	 11134264
 16777215	 9226511
 15007603	 7318784
 16777104	 5476864
 16777133	 3504128
 16777162	 1072896
 16777191	 18176
	 12288
	 6144
	 0

■ 11134264

■ 11134264

■ 10609953

■ 11658575

■ 10085642

■ 12182886

■ 9889024

■ 12707197

■ 13231508

■ 13755819

■ 14280129

■ 14804440

■ 15328751

■ 15787519

# Harmonies

## Analogous

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



16305931



11134264



62080

# Triad

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



11134264



61183



16745429

# Complementary

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



11134264



7616741

# 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.



16751103



11134264



56319

# Square

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



11134264



63487



13811199



16748679

# Rectangle

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



11134264



63158



13811199



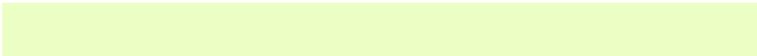
16746479

# Sweetspot

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



11134264



15466436



15036984



7569500



0



8421504



# Same Dimension

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



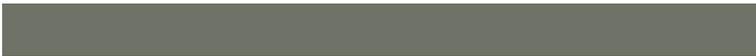
11134264



11534103



5629240



7304039



7713536



2175744



# Inverse Universe

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



7616741



6756351



13121765



7038835



4063411

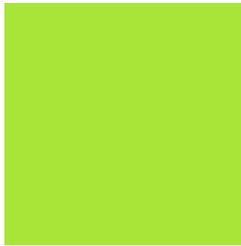


1179699



# Previews

## White Background



This preview shows how the Decimal color 11134264 looks on a white background.

## Color Contrast Check

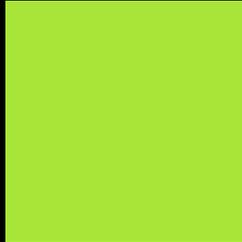
Large Text (above 18pt) WCAG AA × Fail

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 11134264 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 11134264 Background



This preview shows how black text looks on a background with the Decimal color 11134264.



This preview shows how white text looks on a background with the Decimal color 11134264.

# 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



**Original Color**  
11134264

**Protanopia**  
15520307

**Deuteranopia**  
16763243



**Tritanopia**  
12441062

# Trichromacy



**Original Color**

11134264



**Protanomaly**

13949237



**Deuteranomaly**

14734168



**Tritanomaly**

11983783

# Monochromacy



**Original Color**

11134264



**Achromatopsia**

12566463



**Achromatomaly**

12045710

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11134264 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 #A9E538 looks like.

```
.text, #text, p{  
    color:#A9E538  
}
```

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 #A9E538 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A9E538
}
```

## Border

The CSS property to change the border of an element to Decimal 11134264 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
#A9E538 }
```

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

```
.border{ border-color:#A9E538 }
```

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

Here you see how a box with a 4 pixel #A9E538 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A9E538; -webkit-box-shadow:4px 4px  
4px 4px #A9E538; box-shadow:4px 4px 4px  
4px #A9E538 }
```

# Background

The CSS property to change the background color of an element to Decimal 11134264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A9E538 }
```

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

```
.background{ background-color:#A9E538 }
```

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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