

# Converting Colors

Decimal(11528513)

Have a look what the booklet for  
Decimal(11528513) contains.

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# **Color**

**Decimal(11528513)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFE941
RGB	175, 233, 65
RGB Percent	69%, 91%, 25%
CMY	0.3137, 0.0863, 0.7451
CMYK	0.25, 0.00, 0.72, 0.09
HSL	81°, 79%, 58%
HSV	81°, 72%, 91%
XYZ	47.7722, 67.7734, 15.5647
YIQ	196.5060, 19.3600, -64.5440

# Conversions

## Conversions Part 2

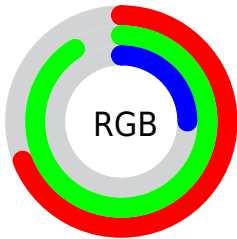
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 233, 123
Decimal	11528513
CIELab	85.89, -41.65, 71.10
CIElCh	86, 82.405, 120.362
Yxy	67.7734, 0.3644, 0.5169
Android (android.graphics.Color)	4289718593 (0xFFAFE941)
YUV	196.5060, -64.8325, -18.8608
Hunter-Lab	82.3246, -40.4861, 46.4175

# Details

The Decimal color **11528513** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **8077801**, and the grayscale version is **12961221**.

A 20% lighter version of the original color is **15400827**, and **7713024** is the 20% darker color. If you saturate the color by 10%, you get **11004202**, and if you desaturate by 10%, it is **12052824**.

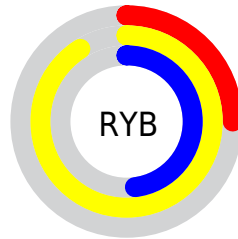
# Distribution



Red (69%)

Green (91%)

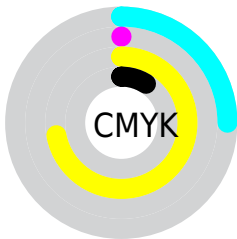
Blue (25%)



Red (25%)

Yellow (91%)

Blue (48%)

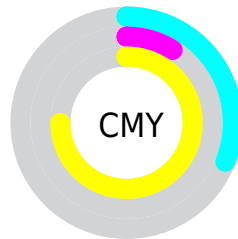


Cyan (25%)

Magenta (0%)

Yellow (72%)

Black (9%)



Cyan (31%)

Magenta (9%)


















Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11528513 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 11528513 by changing the saturation by 10% instead.



 11528513	 11528513
 16777215	 9620766
 15400827	 7713024
 16777111	 5871104
 16777140	 3963904
 16777169	 1794816
 16777199	 18944
	 13056
	 7424
	 0

■ 11528513

■ 11528513

■ 11004202

■ 12052824

■ 10479890

■ 12577136

■ 10086656

■ 13101447

■ 13625758

■ 14150069

■ 14674381

■ 15198692

■ 15723003

■ 16247295

# Harmonies

## Analogous

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



16634656



11528513



2225797

# Triad

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



11528513



62207



16747481

# Complementary

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



11528513



8077801

# 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.



16752639



11528513



57599

# Square

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



11528513



64511



14140159



16750221

# Rectangle

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



11528513



64186



14140159



16748275

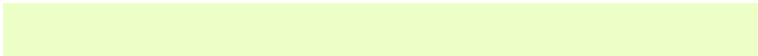


# Sweetspot

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



11528513



15531975



15300929



7635038



0



8421504



# Same Dimension

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



11528513



11730721



6154561



7435626



7845120



2307584



# Inverse Universe

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



8077801



7217663



13451753



7236213



4128949



1179702



# Previews

## White Background



This preview shows how the Decimal color 11528513 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 11528513 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 11528513 Background



This preview shows how black text looks on a background with the Decimal color 11528513.

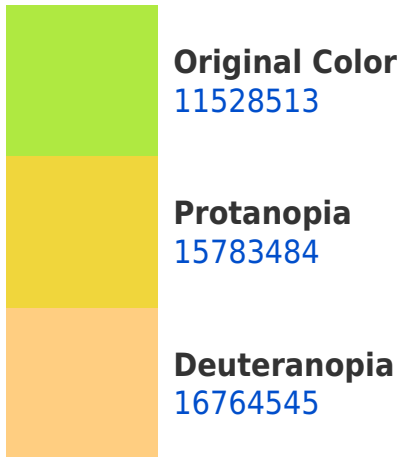


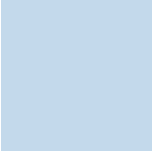
This preview shows how white text looks on a background with the Decimal color 11528513.

# 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**  
12835307

# Trichromacy



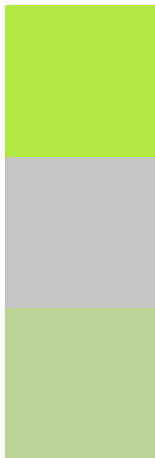
**Original Color**  
11528513

**Protanomaly**  
14212414

**Deuteranomaly**  
14866538

**Tritanomaly**  
12378029

# Monochromacy



**Original Color**  
11528513

**Achromatopsia**  
12961221

**Achromatomaly**  
12440213

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11528513 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 #AFE941 looks like.

```
.text, #text, p{  
    color:#AFE941  
}
```

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 #AFE941 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFE941
}
```

## Border

The CSS property to change the border of an element to Decimal 11528513 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
#AFE941 }
```

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

```
.border{ border-color:#AFE941 }
```

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

Here you see how a box with a 4 pixel #AFE941 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFE941; -webkit-box-shadow:4px 4px  
4px 4px #AFE941; box-shadow:4px 4px 4px  
4px #AFE941 }
```

# Background

The CSS property to change the background color of an element to Decimal 11528513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFE941 }
```

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

```
.background{ background-color:#AFE941 }
```

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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