

# Converting Colors

Decimal(10869526)

Have a look what the booklet for  
Decimal(10869526) contains.

<b>Decimal(10869526)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(10869526)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5DB16
RGB	165, 219, 22
RGB Percent	65%, 86%, 9%
CMY	0.3529, 0.1412, 0.9137
CMYK	0.25, 0.00, 0.90, 0.14
HSL	76°, 82%, 47%
HSV	76°, 90%, 86%
XYZ	40.9934, 58.7203, 9.9326
YIQ	180.3960, 31.0530, -72.7150

# Conversions

## Conversions Part 2

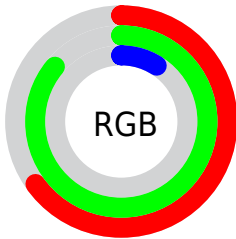
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	22, 219, 76
Decimal	10869526
CIE Lab	81.14, -40.93, 77.45
CIE LCh	81, 87.595, 117.854
Yxy	58.7203, 0.3739, 0.5355
Android (android.graphics.Color)	4289059606 (0xFFA5DB16)
YUV	180.3960, -78.0892, -13.5023
Hunter-Lab	76.6292, -38.6110, 45.9553

# Details

The Decimal color **10869526** 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 **4986587**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **14745437**, and **7054336** is the 20% darker color. If you saturate the color by 10%, you get **10476288**, and if you desaturate by 10%, it is **11262764**.

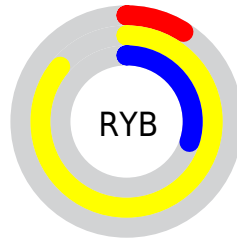
# Distribution



Red (65%)

Green (86%)

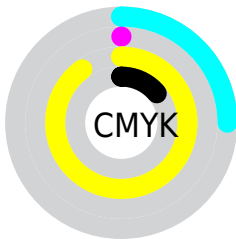
Blue (9%)



Red (9%)

Yellow (86%)

Blue (30%)

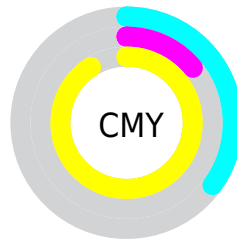


Cyan (25%)

Magenta (0%)

Yellow (90%)

Black (14%)



Cyan (35%)

Magenta (14%)



















Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 10869526 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 10869526 by changing the saturation by 10% instead.



 10869526	 10869526
 16777215	 8961792
 14745437	 7054336
 16777083	 5146880
 16777111	 3174144
 16777141	 481024
 16777170	 16128
 16777200	 10496
	 2048
	 0

■ 10869526

■ 10869526

■ 10476288

■ 11262764

■ 11656002

■ 12049240

■ 12442478

■ 12835716

■ 13228953

■ 13622191

■ 14015429

■ 14408667

# Harmonies

## Analogous

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



16106496



10869526



59501

# Triad

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



10869526



59391



16741587

# Complementary

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



10869526



4986587

# 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.



16748543



10869526



54783

# Square

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



10869526



61439



12236543



16744322

# Rectangle

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



10869526



60836



12236543



16742894

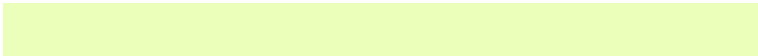


# Sweetspot

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



10869526



15531962



14371606



7635031



0



8421504



# Same Dimension

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



10869526



12189440



4512534



7040611



8301824



2174464



# Inverse Universe

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



4986587



4587775



11343579



6710126



3145901

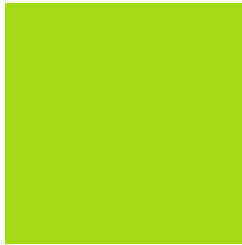


852014



# Previews

## White Background



This preview shows how the Decimal color 10869526 looks on a white background.

## Color Contrast Check

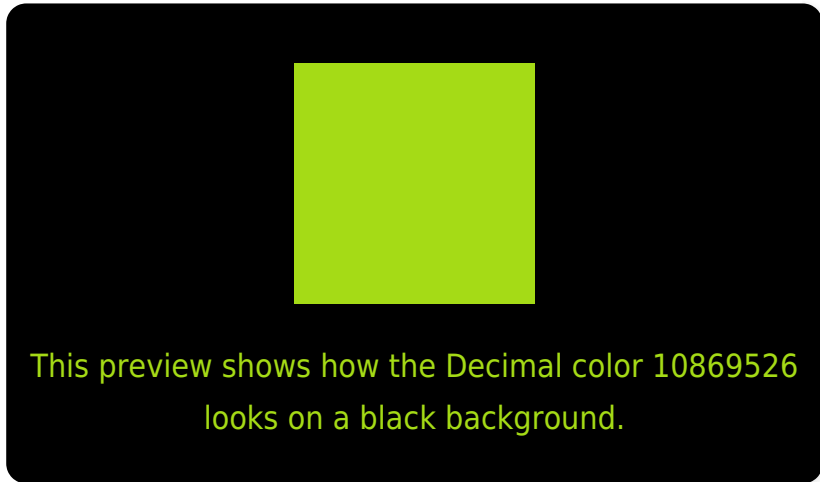
Large Text (above 18pt) WCAG AA × Fail

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 10869526 Background



This preview shows how black text looks on a background with the Decimal color 10869526.



This preview shows how white text looks on a background with the Decimal color 10869526.

# 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**  
10869526

**Protanopia**  
14862606

**Deuteranopia**  
16629293



**Tritanopia**  
12111068

# Trichromacy



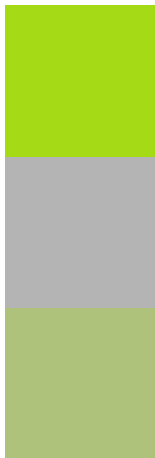
**Original Color**  
10869526

**Protanomaly**  
13422609

**Deuteranomaly**  
14534949

**Tritanomaly**  
11653524

# Monochromacy



**Original Color**  
10869526

**Achromatopsia**  
11842740

**Achromatomaly**  
11518587

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 10869526 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 #A5DB16 looks like.

```
.text, #text, p{  
    color:#A5DB16  
}
```

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 #A5DB16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5DB16
}
```

## Border

The CSS property to change the border of an element to Decimal 10869526 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
#A5DB16 }
```

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

```
.border{ border-color:#A5DB16 }
```

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

Here you see how a box with a 4 pixel #A5DB16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5DB16; -webkit-box-shadow:4px 4px  
4px 4px #A5DB16; box-shadow:4px 4px 4px  
4px #A5DB16 }
```

# Background

The CSS property to change the background color of an element to Decimal 10869526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5DB16 }
```

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

```
.background{ background-color:#A5DB16 }
```

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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