

# Converting Colors

Decimal(12181824)

Have a look what the booklet for  
Decimal(12181824) contains.

<b>Decimal(12181824)</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(12181824)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9E140
RGB	185, 225, 64
RGB Percent	73%, 88%, 25%
CMY	0.2745, 0.1176, 0.7490
CMYK	0.18, 0.00, 0.72, 0.12
HSL	75°, 73%, 57%
HSV	75°, 72%, 88%
XYZ	47.8582, 64.5349, 14.7846
YIQ	194.6860, 27.8410, -58.5510

# Conversions

## Conversions Part 2

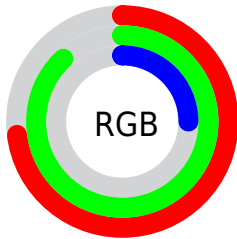
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 225, 104
Decimal	12181824
CIELab	84.24, -34.30, 70.04
CIELCh	84, 77.987, 116.096
Yxy	64.5349, 0.3763, 0.5074
Android (android.graphics.Color)	4290371904 (0xFFB9E140)
YUV	194.6860, -64.4282, -8.4946
Hunter-Lab	80.3336, -34.2436, 45.3218

# Details

The Decimal color **12181824** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **6832353**, and the grayscale version is **12829635**.

A 20% lighter version of the original color is **16056186**, and **8432128** is the 20% darker color. If you saturate the color by 10%, you get **11788586**, and if you desaturate by 10%, it is **12575063**.

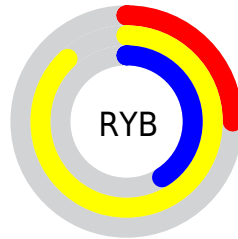
# Distribution



Red (73%)

Green (88%)

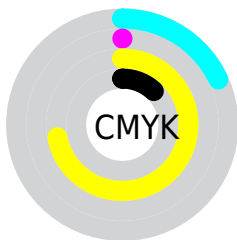
Blue (25%)



Red (25%)

Yellow (88%)

Blue (41%)

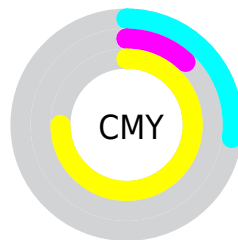


Cyan (18%)

Magenta (0%)

Yellow (72%)

Black (12%)



Cyan (27%)

Magenta (12%)


















Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12181824 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 12181824 by changing the saturation by 10% instead.



 12181824	 12181824
 16777215	 10274078
 16056186	 8432128
 16777110	 6590208
 16777138	 4748544
 16777167	 2841600
 16777197	 476160
	 11776
	 5888
	 0

■ 12181824

■ 12181824

■ 11788586

■ 12575063

■ 11460883

■ 12902765

■ 11133184

■ 13296004

■ 13623706

■ 14016945

■ 14410183

■ 14737886

■ 15131124

■ 15458815

# Harmonies

## Analogous

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



16763694



12181824



5369468

# Triad

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



12181824



61183



16747999

# Complementary

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



12181824



6832353

# 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.



16753663



12181824



57087

# Square

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



12181824



62975



12698623



16749462

# Rectangle

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



12181824



62380



12698623



16749304

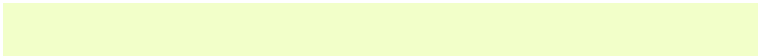


# Sweetspot

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



12181824



15925193



14771776



7897184



0



8421504



# Same Dimension

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



12181824



13238052



7070016



7172197



8695808



2371584



# Inverse Universe

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



6832353



5907711



11944161



6841712



2883760



786480



# Previews

## White Background



This preview shows how the Decimal color 12181824 looks on a white background.

## Color Contrast Check

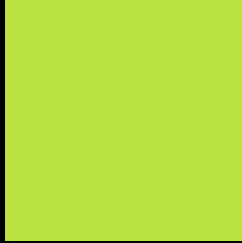
Large Text (above 18pt) WCAG AA × Fail

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 12181824 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 12181824 Background



This preview shows how black text looks on a background with the Decimal color 12181824.

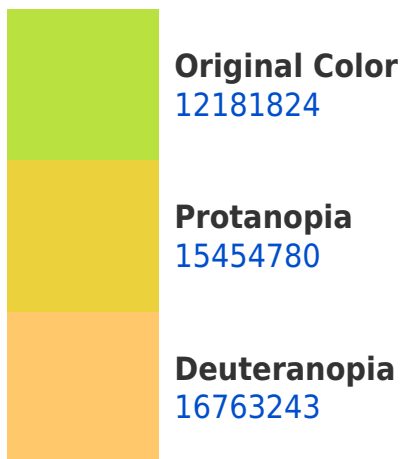


This preview shows how white text looks on a background with the Decimal color 12181824.

# 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**  
13292259

# Trichromacy



**Original Color**  
12181824

**Protanomaly**  
14276413

**Deuteranomaly**  
15127131

**Tritanomaly**  
12900264

# Monochromacy



**Original Color**  
12181824

**Achromatopsia**  
12829635

**Achromatomaly**  
12570259

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12181824 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 #B9E140 looks like.

```
.text, #text, p{  
    color:#B9E140  
}
```

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 #B9E140 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B9E140
}
```

## Border

The CSS property to change the border of an element to Decimal 12181824 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
#B9E140 }
```

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

```
.border{ border-color:#B9E140 }
```

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

Here you see how a box with a 4 pixel #B9E140 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B9E140; -webkit-box-shadow:4px 4px  
4px 4px #B9E140; box-shadow:4px 4px 4px  
4px #B9E140 }
```

# Background

The CSS property to change the background color of an element to Decimal 12181824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B9E140 }
```

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

```
.background{ background-color:#B9E140 }
```

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