

# Converting Colors

Decimal(12121201)

Have a look what the booklet for  
Decimal(12121201) contains.

<b>Decimal(12121201)</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(12121201)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B8F471
RGB	184, 244, 113
RGB Percent	72%, 96%, 44%
CMY	0.2784, 0.0431, 0.5569
CMYK	0.25, 0.00, 0.54, 0.04
HSL	87°, 86%, 70%
HSV	87°, 54%, 96%
XYZ	55.0985, 76.0840, 27.4045
YIQ	211.1260, 6.2910, -53.4610

# Conversions

## Conversions Part 2

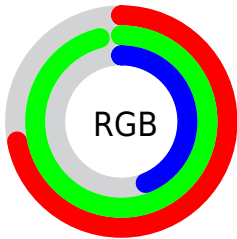
<b>Format</b>	<b>Color</b>
<b>RYB</b>	113, 244, 173
Decimal	12121201
CIELab	89.90, -39.55, 56.31
CIELCh	90, 68.812, 125.086
Yxy	76.0840, 0.3474, 0.4798
Android (android.graphics.Color)	4290311281 (0xFFB8F471)
YUV	211.1260, -48.3761, -23.7895
Hunter-Lab	87.2261, -39.8919, 42.4307

# Details

The Decimal color **12121201** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **11366900**, and the grayscale version is **13948116**.

A 20% lighter version of the original color is **15925160**, and **8436539** is the 20% darker color. If you saturate the color by 10%, you get **11400281**, and if you desaturate by 10%, it is **12842121**.

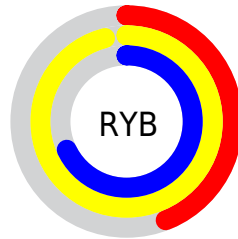
# Distribution



Red (72%)

Green (96%)

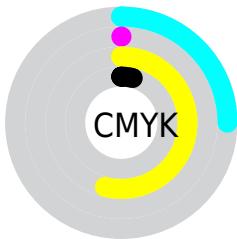
Blue (44%)



Red (44%)

Yellow (96%)

Blue (68%)

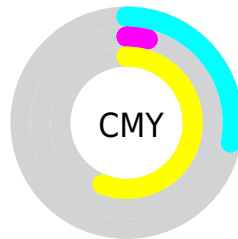


Cyan (25%)

Magenta (0%)

Yellow (54%)

Black (4%)



Cyan (28%)

Magenta (4%)















Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12121201 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 12121201 by changing the saturation by 10% instead.



 12121201	 12121201
16777215	 10278742
 15925160	 8436539
 16777156	 6594589
 16777185	 4752896
16777214	 2911232
	 545536
	 15104
	 9984
	 0

 12121201

 12121201

 11400281

 12842121

 10679360

 13563042

 9892904

 14349498

 9171983

 15070419

 8713216

 15791339

 16512255

 16774399

# Harmonies

## Analogous

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



16638552



12121201



5701544

# Triad

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



12121201



63743



16754905

# Complementary

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



12121201



11366900

# 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.



16757759



12121201



8054527

# Square

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



12121201



65535



16108799



16757658

# Rectangle

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



12121201



65493



16108799



16755184

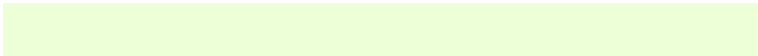


# Sweetspot

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



12121201



15531990



16034929



7635047



0



8421504



# Same Dimension

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



12121201



11861852



7926897



7699054



6666752



2112256



# Inverse Universe

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



11366900



10968319



15561204



7630458



5570746

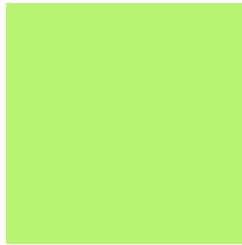


1769531



# Previews

## White Background



This preview shows how the Decimal color 12121201 looks on a white background.

## Color Contrast Check

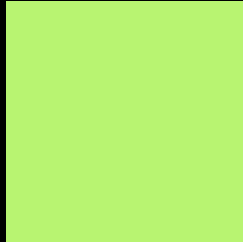
Large Text (above 18pt) WCAG AA × Fail

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 12121201 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 12121201 Background



This preview shows how black text looks on a background with the Decimal color 12121201.

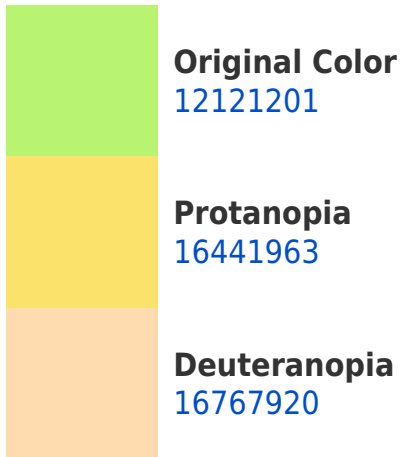


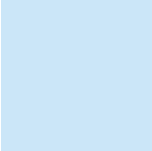
This preview shows how white text looks on a background with the Decimal color 12121201.

# 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



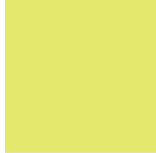


**Tritanopia**  
13362936

# Trichromacy



**Original Color**  
12121201



**Protanomaly**  
14870893



**Deuteranomaly**  
15066265

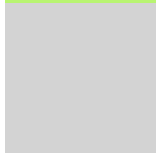


**Tritanomaly**  
12905415

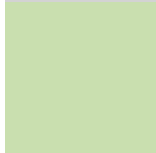
# Monochromacy



**Original Color**  
12121201



**Achromatopsia**  
13882323



**Achromatomaly**  
13229999

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12121201 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 #B8F471 looks like.

```
.text, #text, p{  
    color:#B8F471  
}
```

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 #B8F471 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8F471
}
```

## Border

The CSS property to change the border of an element to Decimal 12121201 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
#B8F471 }
```

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

```
.border{ border-color:#B8F471 }
```

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

Here you see how a box with a 4 pixel #B8F471 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8F471; -webkit-box-shadow:4px 4px  
4px 4px #B8F471; box-shadow:4px 4px 4px  
4px #B8F471 }
```

# Background

The CSS property to change the background color of an element to Decimal 12121201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8F471 }
```

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

```
.background{ background-color:#B8F471 }
```

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