

# Converting Colors

Decimal(11589214)

Have a look what the booklet for  
Decimal(11589214) contains.

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# **Color**

**Decimal(11589214)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B0D65E
RGB	176, 214, 94
RGB Percent	69%, 84%, 37%
CMY	0.3098, 0.1608, 0.6314
CMYK	0.18, 0.00, 0.56, 0.16
HSL	79°, 59%, 60%
HSV	79°, 56%, 84%
XYZ	43.9714, 58.1314, 19.4926
YIQ	188.9580, 15.8720, -45.3760

# Conversions

## Conversions Part 2

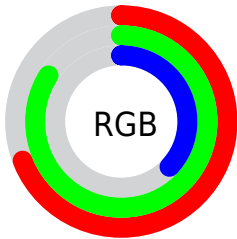
Format	Color
<b>RYB</b>	94, 214, 132
Decimal	11589214
CIELab	80.81, -30.59, 54.20
CIElCh	81, 62.232, 119.438
Yxy	58.1314, 0.3616, 0.4781
Android (android.graphics.Color)	4289779294 (0xFFB0D65E)
YUV	188.9580, -46.8143, -11.3642
Hunter-Lab	76.2439, -30.4823, 38.2126

# Details

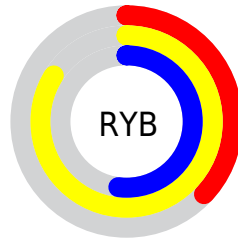
The Decimal color **11589214** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **8675030**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **15400852**, and **7970600** is the 20% darker color. If you saturate the color by 10%, you get **11130441**, and if you desaturate by 10%, it is **12047987**.

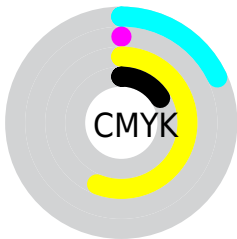
# Distribution



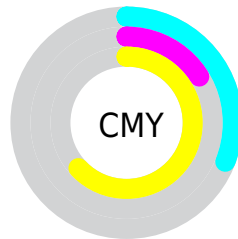
- Red (69%)
- Green (84%)
- Blue (37%)



- Red (37%)
- Yellow (84%)
- Blue (52%)



- Cyan (18%)
- Magenta (0%)
- Yellow (56%)
- Black (16%)



















- Cyan (31%)
- Magenta (16%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11589214 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 11589214 by changing the saturation by 10% instead.



 11589214	 11589214
 16777215	 9747011
 15400852	 7970600
 16777135	 6194435
 16777164	 4418304
 16777193	 2708224
	 605184
	 9728
	 1536
	 0

■ 11589214

■ 11589214

■ 11130441

■ 12047987

■ 10671667

■ 12506761

■ 10278430

■ 12899998

■ 9819656

■ 13358772

■ 9623040

■ 13817545

■ 14276318

■ 14669556

■ 15128319

■ 15587071

# Harmonies

## Analogous

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



15451471



11589214



6545803

# Triad

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



11589214



57087



16750284

# Complementary

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



11589214



8675030

# 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



11589214



5033983

# Square

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



11589214



58879



13220607



16751763

# Rectangle

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



11589214



58545



13220607



16750816



# Sweetspot

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



11589214



15859668



14058590



7831654



0



8421504



# Same Dimension

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



11589214



13238100



7657054



6843232



7711488



1977088



# Inverse Universe

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



8675030



9065727



12607190



6578283



3539115



917547



# Previews

## White Background



This preview shows how the Decimal color 11589214 looks on a white background.

## Color Contrast Check

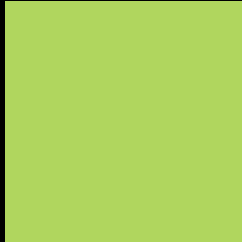
Large Text (above 18pt) WCAG AA × Fail

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 11589214 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 11589214 Background



This preview shows how black text looks on a background with the Decimal color 11589214.

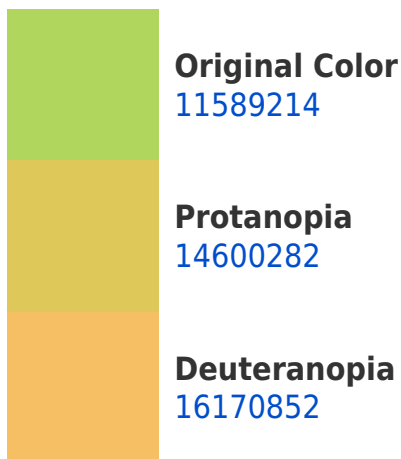


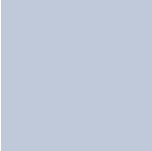
This preview shows how white text looks on a background with the Decimal color 11589214.

# 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**  
12569049

# Trichromacy



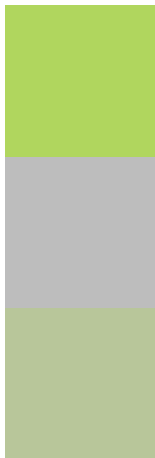
**Original Color**  
11589214

**Protanomaly**  
13487451

**Deuteranomaly**  
14534498

**Tritanomaly**  
12242604

# Monochromacy



**Original Color**  
11589214

**Achromatopsia**  
12434877

**Achromatomaly**  
12109466

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11589214 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 #B0D65E looks like.

```
.text, #text, p{  
    color:#B0D65E  
}
```

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 #B0D65E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0D65E
}
```

## Border

The CSS property to change the border of an element to Decimal 11589214 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
#B0D65E }
```

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

```
.border{ border-color:#B0D65E }
```

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

Here you see how a box with a 4 pixel #B0D65E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0D65E; -webkit-box-shadow:4px 4px  
4px 4px #B0D65E; box-shadow:4px 4px 4px  
4px #B0D65E }
```

# Background

The CSS property to change the background color of an element to Decimal 11589214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0D65E }
```

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

```
.background{ background-color:#B0D65E }
```

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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