

# Converting Colors

Decimal(11586676)

Have a look what the booklet for  
Decimal(11586676) contains.

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# **Color**

**Decimal(11586676)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B0CC74
RGB	176, 204, 116
RGB Percent	69%, 80%, 45%
CMY	0.3098, 0.2000, 0.5451
CMYK	0.14, 0.00, 0.43, 0.20
HSL	79°, 46%, 63%
HSV	79°, 43%, 80%
XYZ	42.6497, 53.6768, 24.6358
YIQ	185.5960, 11.5600, -33.3040

# Conversions

## Conversions Part 2

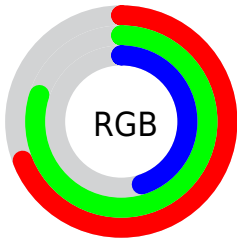
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	116, 204, 144
Decimal	11586676
CIE <sub>Lab</sub>	78.27, -23.56, 40.67
CIE <sub>LCh</sub>	78, 46.999, 120.081
Y <sub>xy</sub>	53.6768, 0.3526, 0.4437
Android (android.graphics.Color)	4289776756 (0xFFB0CC74)
YUV	185.5960, -34.3108, -8.4157
Hunter-Lab	73.2644, -24.3018, 31.3484

# Details

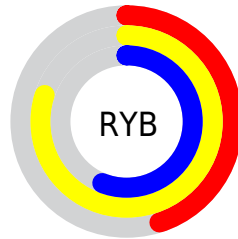
The Decimal color **11586676** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9467084**, and the grayscale version is **12237498**.

A 20% lighter version of the original color is **15335337**, and **8033857** is the 20% darker color. If you saturate the color by 10%, you get **11193440**, and if you desaturate by 10%, it is **11979912**.

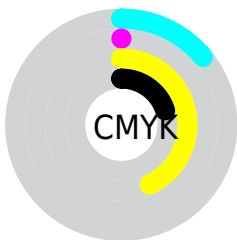
# Distribution



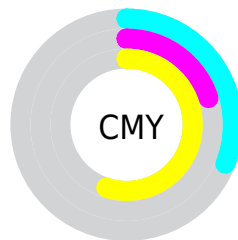
- Red (69%)
- Green (80%)
- Blue (45%)



- Red (45%)
- Yellow (80%)
- Blue (56%)



- Cyan (14%)
- Magenta (0%)
- Yellow (43%)
- Black (20%)



- Cyan (31%)
- Magenta (20%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11586676 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 11586676 by changing the saturation by 10% instead.



 11586676

 11586676

16777215

 9810266

 15335337

 8033857

 16777157

 6323241

 16777185

 4612878

16777214

 3033856

 1389568

 8192

 0

 11586676

 11586676

■ 11193440

■ 11979912

■ 10734667

■ 12438685

■ 10341431

■ 12831921

■ 9882658

■ 13290694

■ 9489422

■ 13683930

■ 9161728

■ 14142702

■ 14535935

■ 14994687

■ 15387903

# Harmonies

## Analogous

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



14532457



11586676



8115605

# Triad

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



11586676



53759



16752579

# Complementary

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



11586676



9467084

# 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.



16295918



11586676



8242943

# Square

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



11586676



55276



13022975



16753560

# Rectangle

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



11586676



5101745



13022975



16752850

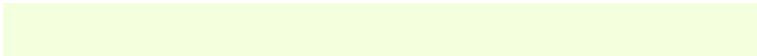


# Sweetspot

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



11586676



16056286



13406324



7962731



0



8421504



# Same Dimension

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



11586676



14024570



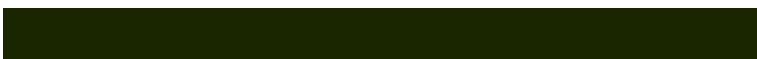
8703092



6514268



7448064



1713664



# Inverse Universe

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



9467084



10844927



12350668



6249574



3473574



786470



# Previews

## White Background



This preview shows how the Decimal color 11586676 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 11586676 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 11586676 Background



This preview shows how black text looks on a background with the Decimal color 11586676.

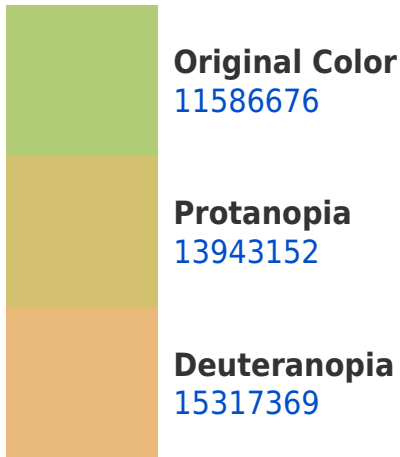


This preview shows how white text looks on a background with the Decimal color 11586676.

# 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**  
12370385

# Trichromacy



**Original Color**  
11586676

**Protanomaly**  
13092209

**Deuteranomaly**  
13942903

**Tritanomaly**  
12109231

# Monochromacy



**Original Color**  
11586676

**Achromatopsia**  
12237498

**Achromatomaly**  
11977121

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11586676 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 #B0CC74 looks like.

```
.text, #text, p{  
    color:#B0CC74  
}
```

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 #B0CC74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0CC74
}
```

## Border

The CSS property to change the border of an element to Decimal 11586676 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
#B0CC74 }
```

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

```
.border{ border-color:#B0CC74 }
```

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

Here you see how a box with a 4 pixel #B0CC74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0CC74; -webkit-box-shadow:4px 4px  
4px 4px #B0CC74; box-shadow:4px 4px 4px  
4px #B0CC74 }
```

# Background

The CSS property to change the background color of an element to Decimal 11586676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0CC74 }
```

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

```
.background{ background-color:#B0CC74 }
```

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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