

# Converting Colors

Decimal(11986294)

Have a look what the booklet for  
Decimal(11986294) contains.

<b>Decimal(11986294)</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(11986294)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6E576
RGB	182, 229, 118
RGB Percent	71%, 90%, 46%
CMY	0.2863, 0.1020, 0.5373
CMYK	0.21, 0.00, 0.48, 0.10
HSL	85°, 68%, 68%
HSV	85°, 48%, 90%
XYZ	50.5807, 67.2917, 27.4623
YIQ	202.2930, 7.6190, -44.4850

# Conversions

## Conversions Part 2

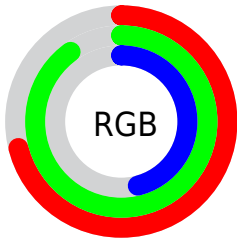
Format	Color
<a href="#">RYB</a>	<a href="#">118, 229, 165</a>
Decimal	<a href="#">11986294</a>
CIELab	<a href="#">85.65, -32.97, 48.90</a>
CIELCh	<a href="#">86, 58.972, 123.989</a>
Yxy	<a href="#">67.2917, 0.3480, 0.4630</a>
Android (android.graphics.Color)	<a href="#">4290176374 (0xFFB6E576)</a>
YUV	<a href="#">202.2930, -41.5564, -17.7970</a>
Hunter-Lab	<a href="#">82.0315, -33.4919, 37.5731</a>

# Details

The Decimal color **11986294** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **10843877**, and the grayscale version is **13355979**.

A 20% lighter version of the original color is **15794092**, and **8367426** is the 20% darker color. If you saturate the color by 10%, you get **11330911**, and if you desaturate by 10%, it is **12641677**.

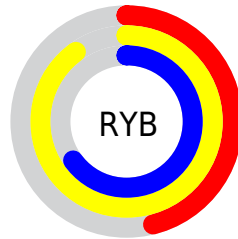
# Distribution



Red (71%)

Green (90%)

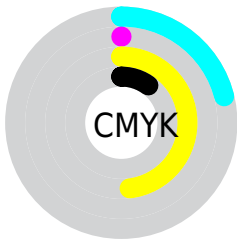
Blue (46%)



Red (46%)

Yellow (90%)

Blue (65%)

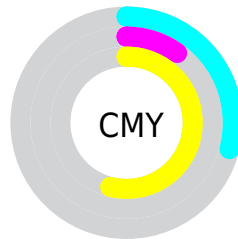


Cyan (21%)

Magenta (0%)

Yellow (48%)

Black (10%)



Cyan (29%)

Magenta (10%)

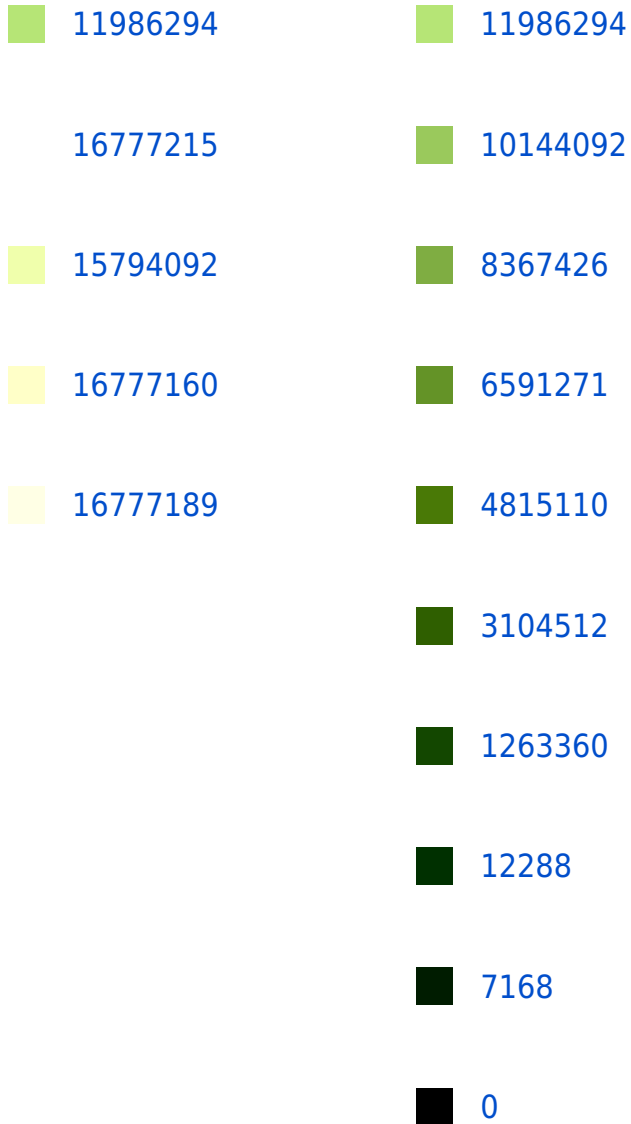
Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11986294 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 11986294 by changing the saturation by 10% instead.





 11986294

 11986294

 11330911

 12641677

 10741064

 13231524

 10085681

 13886907

 9430298

 14542290

 8840451

 15132136

 8709376

 15787519

 16442879

 16770559

# Harmonies

## Analogous

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



15783267



11986294



7073699

# Triad

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



11986294



59903



16754641

# Complementary

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



11986294



10843877

# 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.



16756991



11986294



8641023

# Square

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



11986294



61951



14992895



16756635

# Rectangle

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



11986294



62153



14992895



16754916

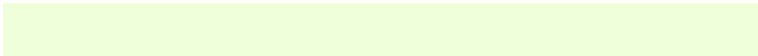


# Sweetspot

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



11986294



15728601



15049846



7766121



0



8421504

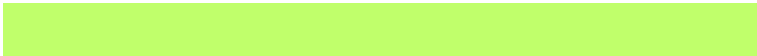


# Same Dimension

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



11986294



12648299



8381814



7238503



6796032



1913600



# Inverse Universe

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



10843877



11168767



14448357



7104371



4980915



1441843



# Previews

## White Background



This preview shows how the Decimal color 11986294 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 11986294 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 11986294 Background



This preview shows how black text looks on a background with the Decimal color 11986294.



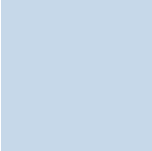
This preview shows how white text looks on a background with the Decimal color 11986294.

# 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**  
13031657

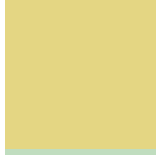
# Trichromacy



**Original Color**  
11986294



**Protanomaly**  
14211955



**Deuteranomaly**  
14997123



**Tritanomaly**  
12639679

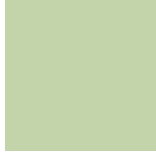
# Monochromacy



**Original Color**  
11986294



**Achromatopsia**  
13290186



**Achromatomaly**  
12833963

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11986294 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 #B6E576 looks like.

```
.text, #text, p{  
    color:#B6E576  
}
```

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 #B6E576 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6E576
}
```

## Border

The CSS property to change the border of an element to Decimal 11986294 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
#B6E576 }
```

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

```
.border{ border-color:#B6E576 }
```

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

Here you see how a box with a 4 pixel #B6E576 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6E576; -webkit-box-shadow:4px 4px  
4px 4px #B6E576; box-shadow:4px 4px 4px  
4px #B6E576 }
```

# Background

The CSS property to change the background color of an element to Decimal 11986294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6E576 }
```

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

```
.background{ background-color:#B6E576 }
```

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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