

# Converting Colors

Decimal(11729005)

Have a look what the booklet for  
Decimal(11729005) contains.

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# **Color**

**Decimal(11729005)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2F86D
RGB	178, 248, 109
RGB Percent	70%, 97%, 43%
CMY	0.3020, 0.0275, 0.5725
CMYK	0.28, 0.00, 0.56, 0.03
HSL	90°, 91%, 70%
HSV	90°, 56%, 97%
XYZ	54.6878, 77.7039, 26.5840
YIQ	211.2240, 2.8990, -58.0690

# Conversions

## Conversions Part 2

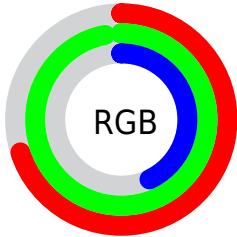
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">109, 248, 179</a>
Decimal	<a href="#">11729005</a>
CIELab	<a href="#">90.64, -43.81, 58.87</a>
CIELCh	<a href="#">91, 73.380, 126.656</a>
Yxy	<a href="#">77.7039, 0.3440, 0.4888</a>
Android (android.graphics.Color)	<a href="#">4289919085 (0xFFB2F86D)</a>
YUV	<a href="#">211.2240, -50.3964, -29.1374</a>
Hunter-Lab	<a href="#">88.1498, -43.5215, 43.8243</a>

# Details

The Decimal color **11729005** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **11759096**, and the grayscale version is **13948116**.

A 20% lighter version of the original color is **15597476**, and **7978806** is the 20% darker color. If you saturate the color by 10%, you get **10942548**, and if you desaturate by 10%, it is **12515462**.

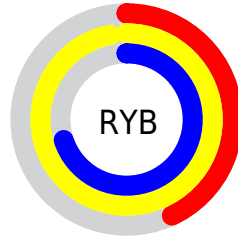
# Distribution



Red (70%)

Green (97%)

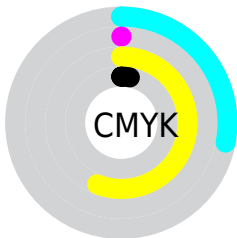
Blue (43%)



Red (43%)

Yellow (97%)

Blue (70%)

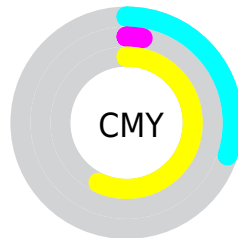


Cyan (28%)

Magenta (0%)

Yellow (56%)

Black (3%)



Cyan (30%)

Magenta (3%)

















Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11729005 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 11729005 by changing the saturation by 10% instead.



 11729005	 11729005
 16777215	 9821010
 15597476	 7978806
 16777152	 6136853
 16777181	 4294912
 16777210	 2191104
	 22016
	 15872
	 10496
	 1024

 11729005

 11729005


 10942548

 12515462

 10090555

 13367455

 9304099

 14153911

 8452106

 15005904

 8124416

 15792361

 16644351

 16775423

# Harmonies

## Analogous

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



16574030



11729005



3801002

# Triad

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



11729005



64255



16754135

# Complementary

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



11729005



11759096

# 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



11729005



7858175

# Square

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



11729005



65535



16632831



16757396

# Rectangle

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



11729005



65498



16632831



16754415

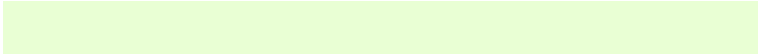


# Sweetspot

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



11729005



15335380



16298861



7569510



0



8421504



# Same Dimension

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



11729005



11140948



7207021



7830896



6208768



1981696



# Inverse Universe

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



11759096



11162879



16281080



7827581



6226109

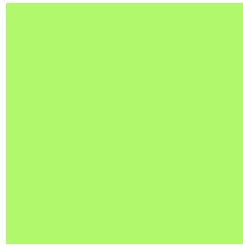


2031677



# Previews

## White Background



This preview shows how the Decimal color 11729005 looks on a white background.

## Color Contrast Check

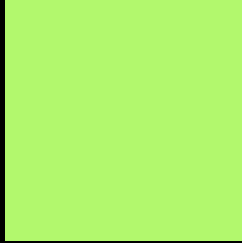
Large Text (above 18pt) WCAG AA × Fail

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 11729005 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 11729005 Background



This preview shows how black text looks on a background with the Decimal color 11729005.



This preview shows how white text looks on a background with the Decimal color 11729005.

# 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



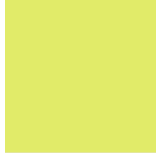


**Tritanopia**  
13036028

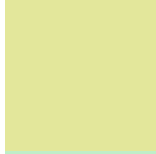
# Trichromacy



**Original Color**  
11729005



**Protanomaly**  
14805865

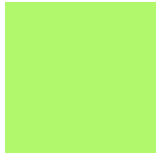


**Deuteranomaly**  
14935963



**Tritanomaly**  
12578504

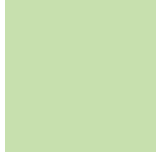
# Monochromacy



**Original Color**  
11729005



**Achromatopsia**  
13882323



**Achromatomaly**  
13099182

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11729005 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 #B2F86D looks like.

```
.text, #text, p{  
    color:#B2F86D  
}
```

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 #B2F86D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2F86D
}
```

## Border

The CSS property to change the border of an element to Decimal 11729005 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
#B2F86D }
```

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

```
.border{ border-color:#B2F86D }
```

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

Here you see how a box with a 4 pixel #B2F86D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2F86D; -webkit-box-shadow:4px 4px  
4px 4px #B2F86D; box-shadow:4px 4px 4px  
4px #B2F86D }
```

# Background

The CSS property to change the background color of an element to Decimal 11729005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2F86D }
```

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

```
.background{ background-color:#B2F86D }
```

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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