

Converting Colors

Decimal(11529830)

Have a look what the booklet for
Decimal(11529830) contains.

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Color

Decimal(11529830)

Conversions

Conversions Part 1

Format	Color
Hex	AFEE66
RGB	175, 238, 102
RGB Percent	69%, 93%, 40%
CMY	0.3137, 0.0667, 0.6000
CMYK	0.26, 0.00, 0.57, 0.07
HSL	88°, 80%, 67%
HSV	88°, 57%, 93%
XYZ	50.6520, 71.2223, 23.6480
YIQ	203.6590, 6.1080, -55.6520

Conversions

Conversions Part 2

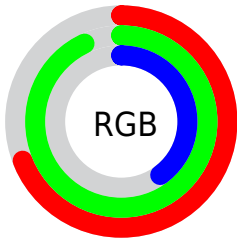
Format	Color
RYB	102, 238, 165
Decimal	11529830
CIELab	87.59, -41.15, 58.39
CIELCh	88, 71.431, 125.173
Yxy	71.2223, 0.3481, 0.4894
Android (android.graphics.Color)	4289719910 (0xFFAFEE66)
YUV	203.6590, -50.1179, -25.1339
Hunter-Lab	84.3933, -40.5545, 42.4616

Details

The Decimal color **11529830** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **10839790**, and the grayscale version is **13421772**.

A 20% lighter version of the original color is **15335325**, and **7845423** is the 20% darker color. If you saturate the color by 10%, you get **10808910**, and if you desaturate by 10%, it is **12250750**.

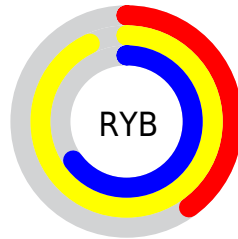
Distribution



Red (69%)

Green (93%)

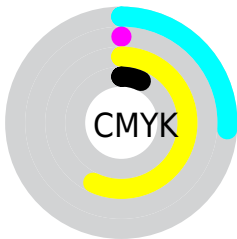
Blue (40%)



Red (40%)

Yellow (93%)

Blue (65%)

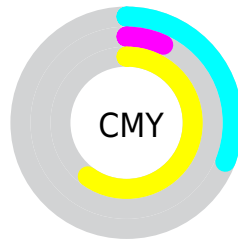


Cyan (26%)

Magenta (0%)

Yellow (57%)

Black (7%)



Cyan (31%)

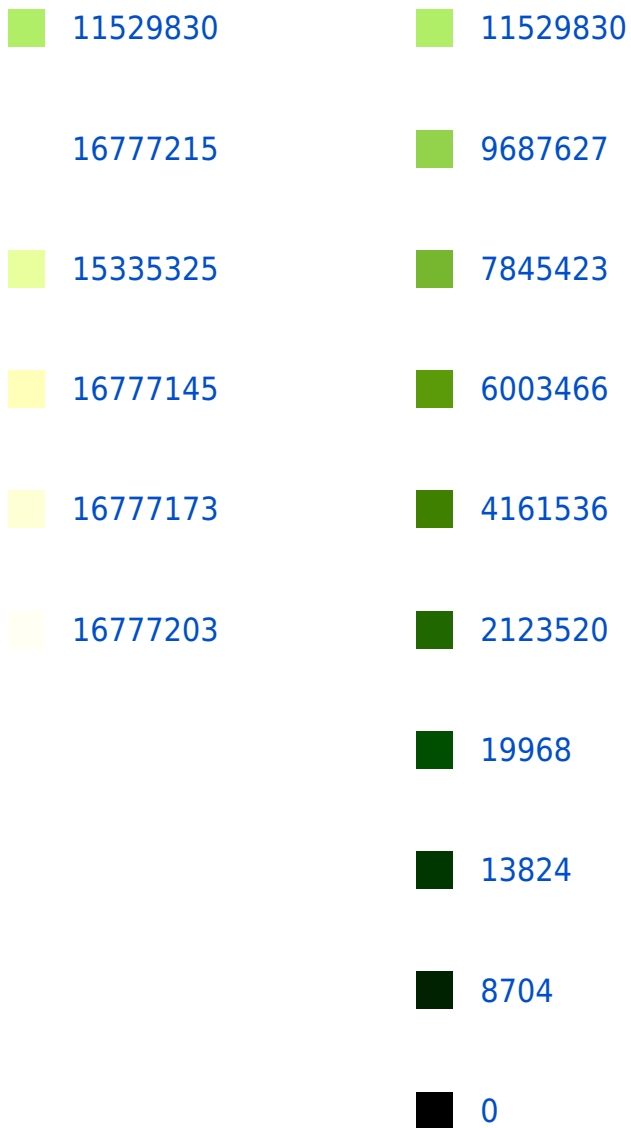
Magenta (7%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11529830 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 11529830 by changing the saturation by 10% instead.



■ 11529830

■ 11529830

■ 10808910

■ 12250750

■ 10087990

■ 12971670

■ 9367071

■ 13692589

■ 8646151

■ 14413509

■ 8449536

■ 15134429

■ 15855349

■ 16576255

■ 16772863

Harmonies

Analogous

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



16178250



11529830



4323744

Triad

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



11529830



62207



16752338

Complementary

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



11529830



10839790

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.



16755455



11529830



6873087

Square

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



11529830



64511



15713791



16755345

Rectangle

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



11529830



64718



15713791



16752873

Sweetspot

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



11529830



15466452



15639398



7635046



0



8421504

Same Dimension

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



11529830



11403087



7204454



7501932



6535168



1980416

Inverse Universe

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



10839790



10571775



15165166



7433336



5570744



1703992

Previews

White Background



This preview shows how the Decimal color 11529830 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 11529830 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 11529830 Background



This preview shows how black text looks on a background with the Decimal color 11529830.

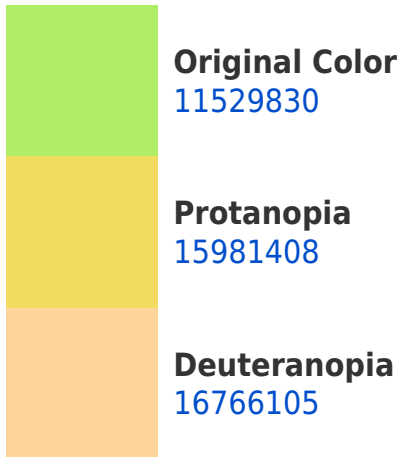


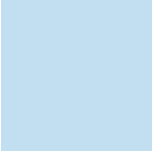
This preview shows how white text looks on a background with the Decimal color 11529830.

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



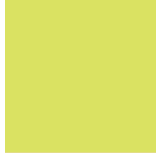


Tritanopia
12771313

Trichromacy



Original Color
11529830



Protanomaly
14344802



Deuteranomaly
14867846

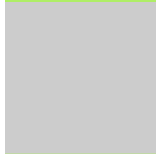


Tritanomaly
12313790

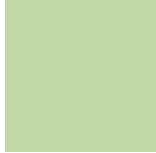
Monochromacy



Original Color
11529830



Achromatopsia
13421772



Achromatomaly
12703911

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11529830 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 #AFEE66 looks like.

```
.text, #text, p{  
    color:#AFEE66  
}
```

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 #AFEE66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFEE66  
}
```

Border

The CSS property to change the border of an element to Decimal 11529830 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  
#AFEE66 }
```

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

```
.border{ border-color:#AFEE66 }
```

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

Here you see how a box with a 4 pixel #AFEE66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFEE66; -webkit-box-shadow:4px 4px  
4px 4px #AFEE66; box-shadow:4px 4px 4px  
4px #AFEE66 }
```

Background

The CSS property to change the background color of an element to Decimal 11529830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFEE66 }
```

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

```
.background{ background-color:#AFEE66 }
```

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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