

Converting Colors

Decimal(11986510)

Have a look what the booklet for
Decimal(11986510) contains.

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Color

Decimal(11986510)

Conversions

Conversions Part 1

Format	Color
Hex	B6E64E
RGB	182, 230, 78
RGB Percent	71%, 90%, 31%
CMY	0.2863, 0.0980, 0.6941
CMYK	0.21, 0.00, 0.66, 0.10
HSL	79°, 75%, 60%
HSV	79°, 66%, 90%
XYZ	48.9634, 67.0888, 17.5765
YIQ	198.3200, 20.1840, -57.4480

Conversions

Conversions Part 2

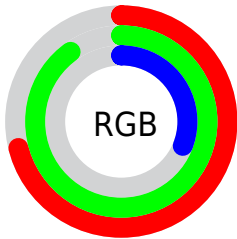
Format	Color
RYB	78, 230, 126
Decimal	11986510
CIELab	85.55, -36.89, 66.19
CIELCh	86, 75.773, 119.135
Yxy	67.0888, 0.3664, 0.5021
Android (android.graphics.Color)	4290176590 (0xFFB6E64E)
YUV	198.3200, -59.3178, -14.3126
Hunter-Lab	81.9077, -36.6336, 44.6124

Details

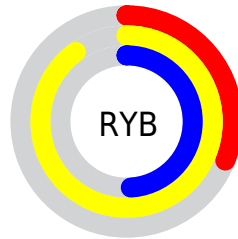
The Decimal color **11986510** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **8277734**, and the grayscale version is **13092807**.

A 20% lighter version of the original color is **15859590**, and **8236549** is the 20% darker color. If you saturate the color by 10%, you get **11527735**, and if you desaturate by 10%, it is **12445285**.

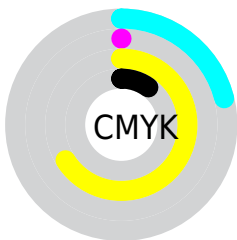
Distribution



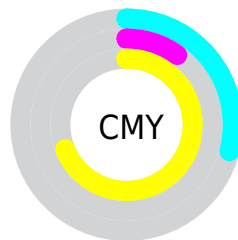
- Red (71%)
- Green (90%)
- Blue (31%)



- Red (31%)
- Yellow (90%)
- Blue (49%)



- Cyan (21%)
- Magenta (0%)
- Yellow (66%)
- Black (10%)




















- Cyan (29%)
- Magenta (10%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11986510 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 11986510 by changing the saturation by 10% instead.

 11986510	 11986510
 16777215	 10078768
 15859590	 8236549
 16777122	 6394624
 16777151	 4552960
 16777180	 2711552
 16777209	 83968
	 12544
	 7168
	 0

■ 11986510

■ 11986510

■ 11527735

■ 12445285

■ 11003424

■ 12969596

■ 10544649

■ 13428371

■ 10348032

■ 13887146

■ 14345921

■ 14870232

■ 15329007

■ 15787775

■ 16246527

Harmonies

Analogous

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



16634424



11986510



5042825

Triad

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



11986510



61695



16749531

Complementary

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



11986510



8277734

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.



16754175



11986510



57343

Square

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



11986510



63743



13878527



16751764

Rectangle

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



11986510



63416



13878527



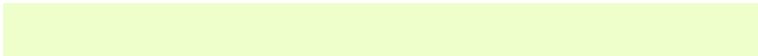
16750579

Sweetspot

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



11986510



15728588



15105102



7766113



0



8421504

Same Dimension

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



11986510



12582710



7136846



7304039



8041216



2306816

Inverse Universe

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



8277734



7681791



13127398



7038835



3670195



1048627

Previews

White Background



This preview shows how the Decimal color 11986510 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 11986510 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 11986510 Background



This preview shows how black text looks on a background with the Decimal color 11986510.

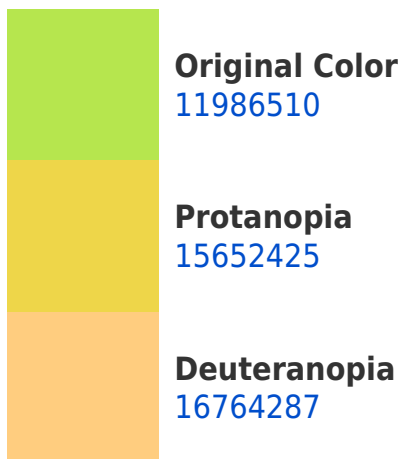


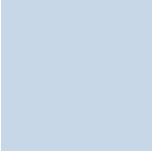
This preview shows how white text looks on a background with the Decimal color 11986510.

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](#).

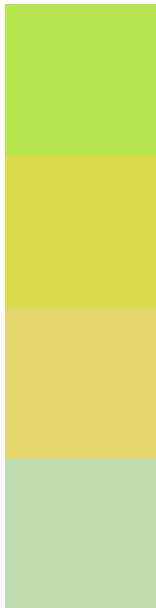
Dichromacy





Tritanopia
13162472

Trichromacy



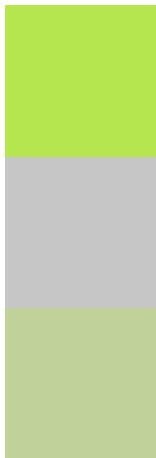
Original Color
11986510

Protanomaly
14343243

Deuteranomaly
14997101

Tritanomaly
12704944

Monochromacy



Original Color
11986510

Achromatopsia
13027014

Achromatomaly
12636826

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11986510 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 #B6E64E looks like.

```
.text, #text, p{  
    color:#B6E64E  
}
```

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 #B6E64E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B6E64E
}
```

Border

The CSS property to change the border of an element to Decimal 11986510 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
#B6E64E }
```

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

```
.border{ border-color:#B6E64E }
```

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

Here you see how a box with a 4 pixel #B6E64E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B6E64E; -webkit-box-shadow:4px 4px  
4px 4px #B6E64E; box-shadow:4px 4px 4px  
4px #B6E64E }
```

Background

The CSS property to change the background color of an element to Decimal 11986510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B6E64E }
```

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

```
.background{ background-color:#B6E64E }
```

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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