

Converting Colors

Decimal(11796350)

Have a look what the booklet for
Decimal(11796350) contains.

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Color

Decimal(11796350)

Conversions

Conversions Part 1

Format	Color
Hex	B3FF7E
RGB	179, 255, 126
RGB Percent	70%, 100%, 49%
CMY	0.2980, 0.0000, 0.5059
CMYK	0.30, 0.00, 0.51, 0.00
HSL	95°, 100%, 75%
HSV	95°, 51%, 100%
XYZ	58.1163, 82.6101, 32.6210
YIQ	217.5700, -3.8870, -56.2310

Conversions

Conversions Part 2

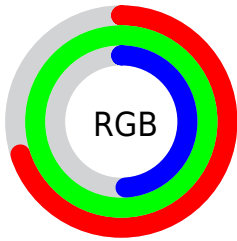
Format	Color
RYB	126, 255, 202
Decimal	11796350
CIELab	92.84, -44.77, 53.83
CIELCh	93, 70.019, 129.748
Yxy	82.6101, 0.3353, 0.4766
Android (android.graphics.Color)	4289986430 (0xFFB3FF7E)
YUV	217.5700, -45.1440, -33.8259
Hunter-Lab	90.8901, -44.9224, 42.3435

Details

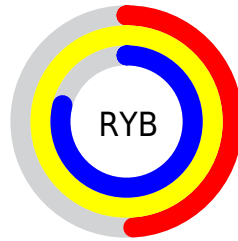
The Decimal color **11796350** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **13270783**, and the grayscale version is **14342874**.

A 20% lighter version of the original color is **15597493**, and **8046153** is the 20% darker color. If you saturate the color by 10%, you get **10813285**, and if you desaturate by 10%, it is **12779416**.

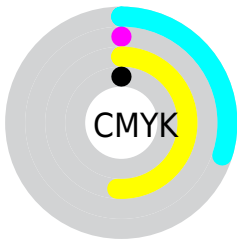
Distribution



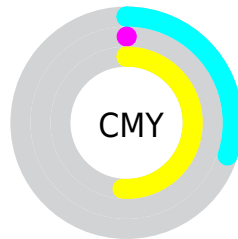
- Red (70%)
- Green (100%)
- Blue (49%)



- Red (49%)
- Yellow (100%)
- Blue (79%)



- Cyan (30%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)

















- Cyan (30%)
- Magenta (0%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 11796350 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 11796350 by changing the saturation by 10% instead.

 11796350	 11796350
16777215	 9888355
 15597493	 8046153
 16777170	 6203949
 16777198	 4361995
	 2323712
	 23552
	 17152
	 11520
	 4608

■ 11796350

■ 11796350

■ 10813285

■ 12779416

■ 9830219

■ 13762481

■ 8847153

■ 14745547

■ 7864088

■ 15728612

■ 6946560

16711678

16777215

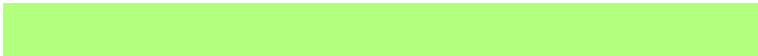
Harmonies

Analogous

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



16576094



11796350



4325305

Triad

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



11796350



65279



16756951

Complementary

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



11796350



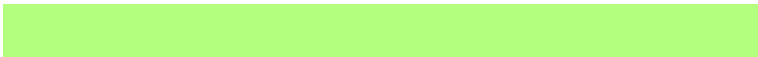
13270783

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.



16758783



11796350



10152703

Square

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



11796350



65535



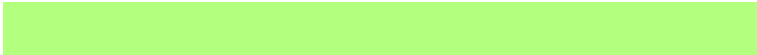
16765183



16760472

Rectangle

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



11796350



65512



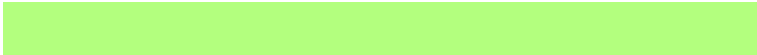
16765183



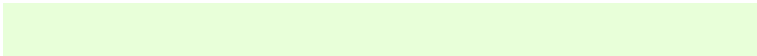
16756974

Sweetspot

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



11796350



15269849



16763262



7503977



0



8421504

Same Dimension

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



11796350



10747747



8322953



7897203



5226240



1720320

Inverse Universe

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



13270783



12542975



16744180



8024960



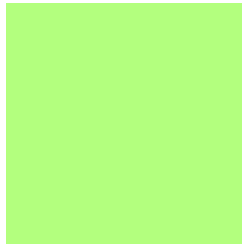
7405759



2490432

Previews

White Background



This preview shows how the Decimal color 11796350 looks on a white background.

Color Contrast Check

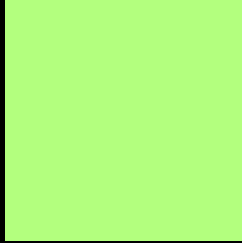
Large Text (above 18pt) WCAG AA × Fail

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 11796350 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 11796350 Background



This preview shows how black text looks on a background with the Decimal color 11796350.

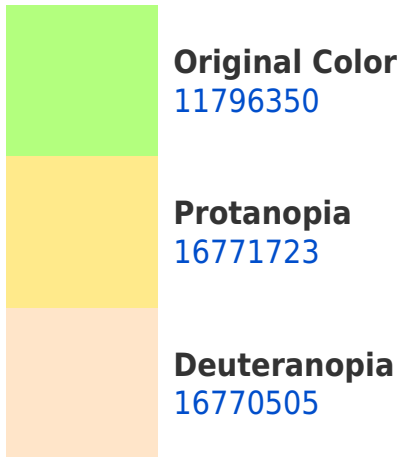


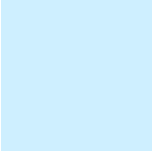
This preview shows how white text looks on a background with the Decimal color 11796350.

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
13561855

Trichromacy



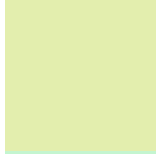
Original Color

11796350



Protanomaly

14938758



Deuteranomaly

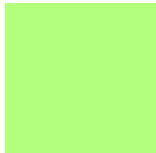
14937774



Tritanomaly

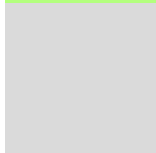
12907984

Monochromacy



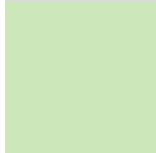
Original Color

11796350



Achromatopsia

14342874



Achromatomaly

13428665

CSS Examples

Text

The CSS property to change the color of the text to Decimal 11796350 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 #B3FF7E looks like.

```
.text, #text, p{  
    color:#B3FF7E  
}
```

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 #B3FF7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3FF7E
}
```

Border

The CSS property to change the border of an element to Decimal 11796350 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
#B3FF7E }
```

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

```
.border{ border-color:#B3FF7E }
```

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

Here you see how a box with a 4 pixel #B3FF7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3FF7E; -webkit-box-shadow:4px 4px  
4px 4px #B3FF7E; box-shadow:4px 4px 4px  
4px #B3FF7E }
```

Background

The CSS property to change the background color of an element to Decimal 11796350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3FF7E }
```

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

```
.background{ background-color:#B3FF7E }
```

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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