

Converting Colors

Decimal(1177361)

Have a look what the booklet for
Decimal(1177361) contains.

Decimal(1177361)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(1177361)

Conversions

Conversions Part 1

Format	Color
Hex	11F711
RGB	17, 247, 17
RGB Percent	7%, 97%, 7%
CMY	0.9333, 0.0314, 0.9333
CMYK	0.93, 0.00, 0.93, 0.03
HSL	120°, 93%, 52%
HSV	120°, 93%, 97%
XYZ	33.5931, 66.6812, 11.6305
YIQ	152.0100, -63.2500, -120.2900

Conversions

Conversions Part 2

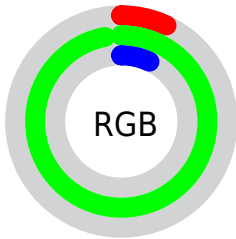
Format	Color
RYB	17, 247, 247
Decimal	1177361
CIELab	85.34, -83.31, 79.83
CIELCh	85, 115.384, 136.220
Yxy	66.6812, 0.3002, 0.5959
Android (android.graphics.Color)	4279367441 (0xFF11F711)
YUV	152.0100, -66.5599, -118.4038
Hunter-Lab	81.6585, -69.4702, 48.7164

Details

The Decimal color **1177361** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark washed green. A complement of this color would be **16191991**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **7929695**, and **48384** is the 20% darker color. If you saturate the color by 10%, you get **63232**, and if you desaturate by 10%, it is **2815786**.

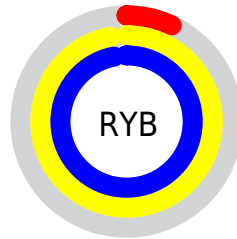
Distribution



Red (7%)

Green (97%)

Blue (7%)



Red (7%)

Yellow (97%)

Blue (97%)

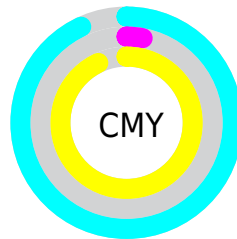


Cyan (93%)

Magenta (0%)

Yellow (93%)

Black (3%)



Cyan (93%)

Magenta (3%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1177361 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 1177361 by changing the saturation by 10% instead.

 1177361	 1177361
 16777215	 55808
 7929695	 48384
 10223485	 40960
 12386203	 34048
 14548920	 27136
 16646102	 20224
 16777204	 13824
	 6912
	 0

■ 1177361

■ 1177361

■ 63232

■ 2815786

■ 4388674

■ 6027099

■ 7665524

■ 9303949

■ 10876837

■ 12515262

■ 14153687

■ 15726575

Harmonies

Analogous

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



13296384



1177361



65437

Triad

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



1177361



61951



16729248

Complementary

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



1177361



16191991

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.



16732415



1177361



53247

Square

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



1177361



65535



16750591



16746034

Rectangle

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



1177361



65514



16750591



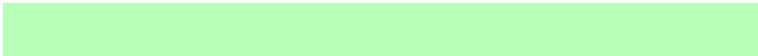
16726212

Sweetspot

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



1177361



12124088



16250641



5537876



0



8421504

Same Dimension

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



1177361



65280



1177476



7240302



47616



15104

Inverse Universe

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



16191991



16711935



16191876



8023674



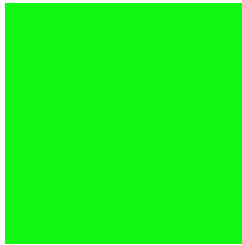
12189882



3866683

Previews

White Background



This preview shows how the Decimal color 1177361 looks on a white background.

Color Contrast Check

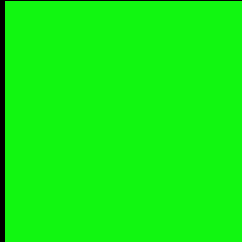
Large Text (above 18pt) WCAG AA × Fail

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 1177361 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

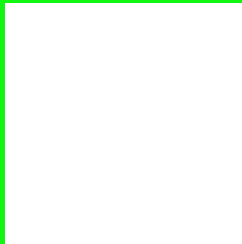
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 1177361 Background



This preview shows how black text looks on a background with the Decimal color 1177361.

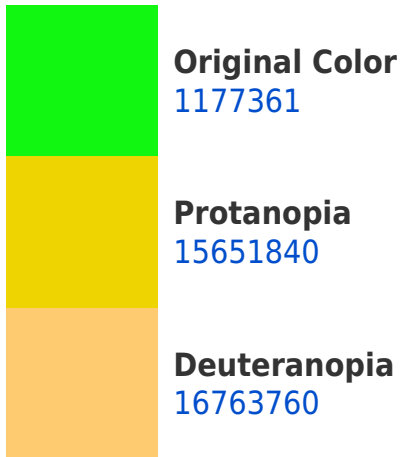


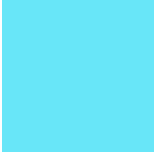
This preview shows how white text looks on a background with the Decimal color 1177361.

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](#).

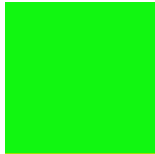
Dichromacy





Tritanopia
6874872

Trichromacy



Original Color

1177361



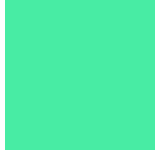
Protanomaly

10412294



Deuteranomaly

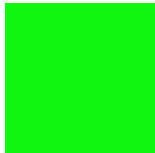
11066189



Tritanomaly

4779172

Monochromacy



Original Color

1177361



Achromatopsia

10000536



Achromatomaly

6798183

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1177361 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 #11F711 looks like.

```
.text, #text, p{  
    color:#11F711  
}
```

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 #11F711 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #11F711
}
```

Border

The CSS property to change the border of an element to Decimal 1177361 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
#11F711 }
```

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

```
.border{ border-color:#11F711 }
```

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

Here you see how a box with a 4 pixel #11F711 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #11F711; -webkit-box-shadow:4px 4px  
4px 4px #11F711; box-shadow:4px 4px 4px  
4px #11F711 }
```

Background

The CSS property to change the background color of an element to Decimal 1177361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#11F711 }
```

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

```
.background{ background-color:#11F711 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor