

Converting Colors

Decimal(130317)

Have a look what the booklet for
Decimal(130317) contains.

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Color

Decimal(130317)

Conversions

Conversions Part 1

Format	Color
Hex	01FD0D
RGB	1, 253, 13
RGB Percent	0%, 99%, 5%
CMY	0.9961, 0.0078, 0.9490
CMYK	1.00, 0.00, 0.95, 0.01
HSL	123°, 99%, 50%
HSV	123°, 100%, 99%
XYZ	35.2104, 70.2861, 12.0916
YIQ	150.2920, -73.1520, -128.0640

Conversions

Conversions Part 2

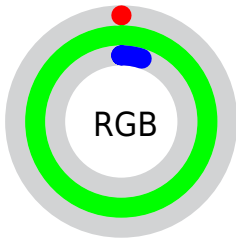
Format	Color
RYB	1, 242, 253
Decimal	130317
CIELab	87.14, -85.46, 81.69
CIELCh	87, 118.220, 136.291
Yxy	70.2861, 0.2994, 0.5977
Android (android.graphics.Color)	4278320397 (0xFF01FD0D)
YUV	150.2920, -67.6850, -130.9291
Hunter-Lab	83.8368, -71.7465, 50.1345

Details

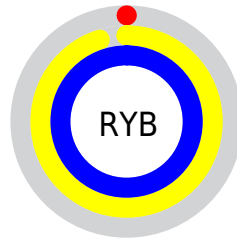
The Decimal color **130317** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **16581105**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **7864159**, and **49664** is the 20% darker color. If you saturate the color by 10%, you get **64780**, and if you desaturate by 10%, it is **1768741**.

Distribution



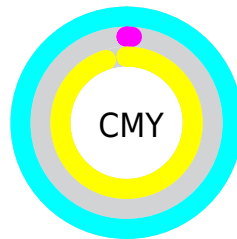
- Red (0%)
- Green (99%)
- Blue (5%)



- Red (0%)
- Yellow (95%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (95%)
- Black (1%)



- Cyan (100%)
- Magenta (1%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 130317 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 130317 by changing the saturation by 10% instead.

 130317	 130317
 16777215	 57088
 7864159	 49664
 10223485	 42496
 12451739	 35328
 14614457	 28416
 16711639	 21504
 16777205	 15104
	 8192
	 0

■ 130317

■ 130317

■ 64780

■ 1768741

■ 3472701

■ 5111125

■ 6749549

■ 8453509

■ 10091934

■ 11730358

■ 13368782

■ 15072742

Harmonies

Analogous

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



13559808



130317



65441

Triad

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



130317



63487



16728995

Complementary

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



130317



16581105

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.



16732159



130317



54271

Square

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



130317



65535



16751103



16746802

Rectangle

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



130317



65520



16751103



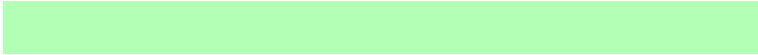
16725448

Sweetspot

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



130317



11796406



16121089



5406804



0



8421504

Same Dimension

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



130317



65292



130439



7569523



48905



16387

Inverse Universe

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



16581105



16711923



16580983



8418175



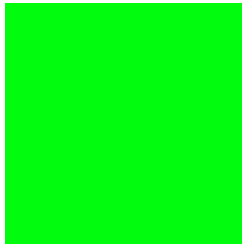
12517558



4194365

Previews

White Background



This preview shows how the Decimal color 130317 looks on a white background.

Color Contrast Check

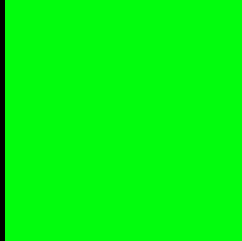
Large Text (above 18pt) WCAG AA × Fail

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 130317 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

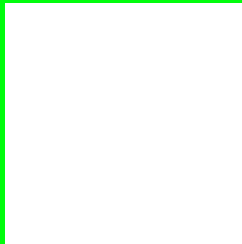
Any Text WCAG AAA ✓ Pass

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

Decimal 130317 Background



This preview shows how black text looks on a background with the Decimal color 130317.



This preview shows how white text looks on a background with the Decimal color 130317.

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](#).

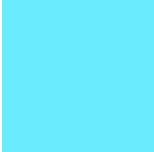
Dichromacy



Original Color
130317

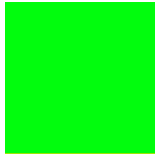
Protanopia
16046336

Deuteranopia
16765320



Tritanopia
7007230

Trichromacy



Original Color
130317



Protanomaly
10282501

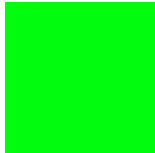


Deuteranomaly
10740059



Tritanomaly
4518566

Monochromacy



Original Color
130317



Achromatopsia
9868950



Achromatomaly
6339428

CSS Examples

Text

The CSS property to change the color of the text to Decimal 130317 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 #01FD0D looks like.

```
.text, #text, p{
  color:#01FD0D
}
```

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 #01FD0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01FD0D
}
```

Border

The CSS property to change the border of an element to Decimal 130317 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".

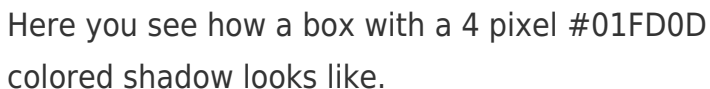
```
.border, #border, table{ border:4px solid
#01FD0D }
```

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

```
.border{ border-color:#01FD0D }
```

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

Here you see how a box with a 4 pixel #01FD0D colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4-pixel wide, 4-pixel high, 4-pixel offset box shadow in the color #01FD0D.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01FD0D; -webkit-box-shadow:4px 4px  
4px 4px #01FD0D; box-shadow:4px 4px 4px  
4px #01FD0D }
```

Background

The CSS property to change the background color of an element to Decimal 130317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01FD0D }
```

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

```
.background{ background-color:#01FD0D }
```

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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