

Converting Colors

Decimal(196357)

Have a look what the booklet for
Decimal(196357) contains.

Decimal(196357)	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(196357)

Conversions

Conversions Part 1

Format	Color
Hex	02FF05
RGB	2, 255, 5
RGB Percent	1%, 100%, 2%
CMY	0.9922, 0.0000, 0.9804
CMYK	0.99, 0.00, 0.98, 0.00
HSL	121°, 100%, 50%
HSV	121°, 99%, 100%
XYZ	35.8124, 71.5439, 12.0654
YIQ	150.8530, -70.5380, -131.3860

Conversions

Conversions Part 2

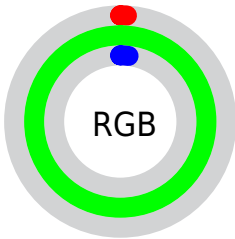
Format	Color
R_{YB}	2, 252, 255
Decimal	196357
CIE Lab	87.75, -86.06, 82.81
CIE LCh	88, 119.432, 136.101
Yxy	71.5439, 0.2999, 0.5991
Android (android.graphics.Color)	4278386437 (0xFF02FF05)
YUV	150.8530, -71.9055, -130.5441
Hunter-Lab	84.5836, -72.4450, 50.7511

Details

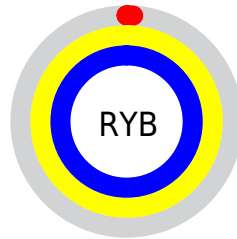
The Decimal color **196357** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **16712444**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **7929693**, and **50176** is the 20% darker color. If you saturate the color by 10%, you get **65283**, and if you desaturate by 10%, it is **1834782**.

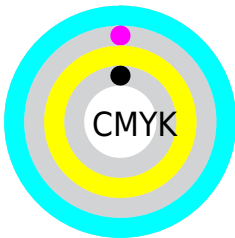
Distribution



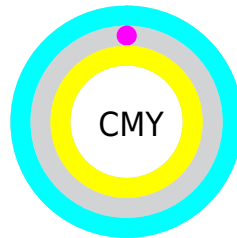
- Red (1%)
- Green (100%)
- Blue (2%)



- Red (1%)
- Yellow (99%)
- Blue (100%)



- Cyan (99%)
- Magenta (0%)
- Yellow (98%)
- Black (0%)



- Cyan (99%)
- Magenta (0%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 196357 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 196357 by changing the saturation by 10% instead.

 196357	 196357
 16777215	 57600
 7929693	 50176
 10289020	 43008
 12517274	 35840
 14679992	 28928
 16777174	 22016
 16777204	 15616
	 8704
	 0

■ 196357

■ 196357

■ 65283

■ 1834782

■ 3538743

■ 5242705

■ 6881130

■ 8585091

■ 10223516

■ 11861941

■ 13565903

■ 15269864

Harmonies

Analogous

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



13691392



196357



65441

Triad

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



196357



63999



16728485

Complementary

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



196357



16712444

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.



16731903



196357



54783

Square

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



196357



65535



16751615



16746802

Rectangle

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



196357



65521



16751615



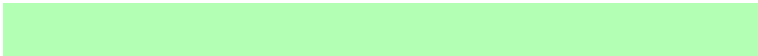
16724682

Sweetspot

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



196357



11796403



16776962



5406802



0



8421504

Same Dimension

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



196357



65283



196481



7569523



48898



16385

Inverse Universe

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



16712444



16711932



16712321



8418175



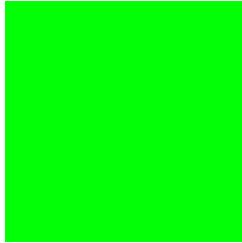
12517565



4194367

Previews

White Background



This preview shows how the Decimal color 196357 looks on a white background.

Color Contrast Check

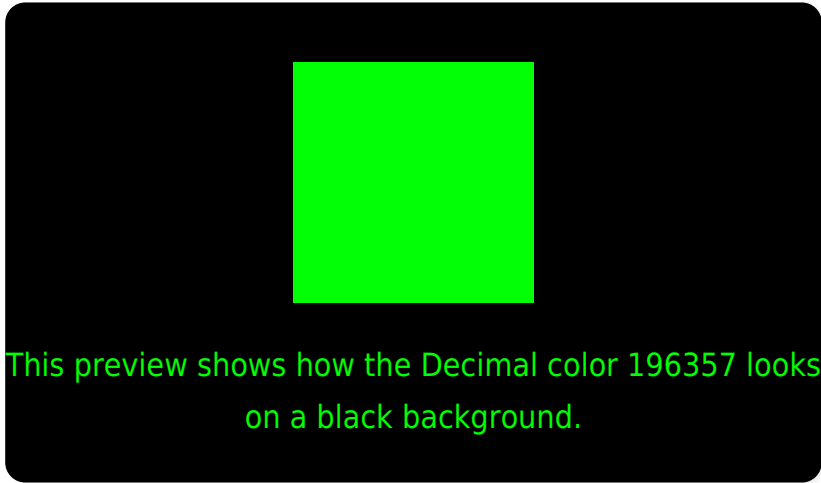
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

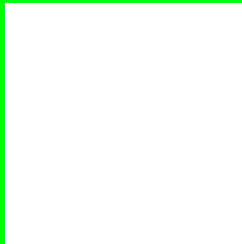
Any Text WCAG AAA ✓ Pass

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

Decimal 196357 Background



This preview shows how black text looks on a background with the Decimal color 196357.



This preview shows how white text looks on a background with the Decimal color 196357.

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](#).

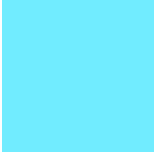
Dichromacy



Original Color
196357

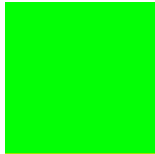
Protanopia
16177664

Deuteranopia
16765839



Tritanopia
7466239

Trichromacy



Original Color
196357



Protanomaly
10348290

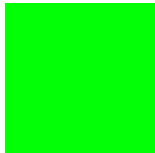


Deuteranomaly
10740573



Tritanomaly
4846500

Monochromacy



Original Color
196357



Achromatopsia
9934743



Achromatomaly
6405474

CSS Examples

Text

The CSS property to change the color of the text to Decimal 196357 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 #02FF05 looks like.

```
.text, #text, p{  
    color:#02FF05  
}
```

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 #02FF05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02FF05
}
```

Border

The CSS property to change the border of an element to Decimal 196357 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
#02FF05 }
```

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

```
.border{ border-color:#02FF05 }
```

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

Here you see how a box with a 4 pixel #02FF05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02FF05; -webkit-box-shadow:4px 4px  
4px 4px #02FF05; box-shadow:4px 4px 4px  
4px #02FF05 }
```

Background

The CSS property to change the background color of an element to Decimal 196357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02FF05 }
```

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

```
.background{ background-color:#02FF05 }
```

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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