

# Converting Colors

Decimal(64527)

Have a look what the booklet for  
Decimal(64527) contains.

<b>Decimal(64527)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(64527)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FC0F
RGB	0, 252, 15
RGB Percent	0%, 99%, 6%
CMY	1.0000, 0.0118, 0.9412
CMYK	1.00, 0.00, 0.94, 0.01
HSL	124°, 100%, 49%
HSV	124°, 100%, 99%
XYZ	34.8966, 69.6553, 12.0575
YIQ	149.6340, -74.1150, -127.1310

# Conversions

## Conversions Part 2

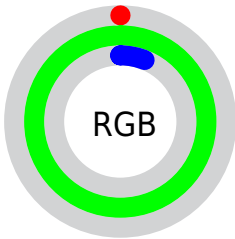
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 238, 252
Decimal	64527
CIELab	86.83, -85.19, 81.25
CIELCh	87, 117.724, 136.358
Yxy	69.6553, 0.2993, 0.5973
Android (android.graphics.Color)	4278254607 (0xFF00FC0F)
YUV	149.6340, -66.3746, -131.2290
Hunter-Lab	83.4597, -71.4192, 49.8561

# Details

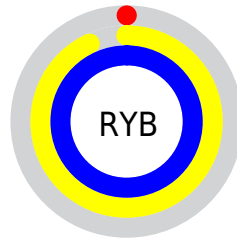
The Decimal color **64527** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **16515309**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **7864159**, and **49408** is the 20% darker color. If you saturate the color by 10%, you get **64527**, and if you desaturate by 10%, it is **1702951**.

# Distribution



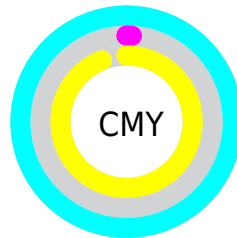
- Red (0%)
- Green (99%)
- Blue (6%)



- Red (0%)
- Yellow (93%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (94%)
- Black (1%)



- Cyan (100%)
- Magenta (1%)
- Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 64527 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 64527 by changing the saturation by 10% instead.



 64527	 64527
 16777215	 56832
 7864159	 49408
 10157950	 42240
 12386203	 35072
 14548921	 28160
 16711639	 21248
 16777205	 14848
	 8192
	 0

 64527

 1702951

 3341374

 5045334

 6683758

 8322181

 9960605

 11599029

 13302989

 14941412

# Harmonies

## Analogous

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



13494016



64527



65440

# Triad

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



64527



63231



16728994

# Complementary

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



64527



16515309

# Split Complementary

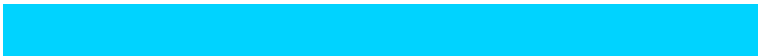
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16732159



64527



54271

# Square

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



64527



65535



16751103



16746546

# Rectangle

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



64527



65519



16751103



16725703

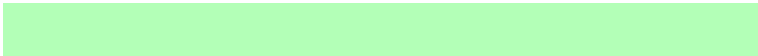


# Sweetspot

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



64527



11796407



15727616



5406804



0



8421504



# Same Dimension

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



64527



65295



64651



7372145



48395



15620



# Inverse Universe

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



16515309



16711920



16515185



8220796



12386481

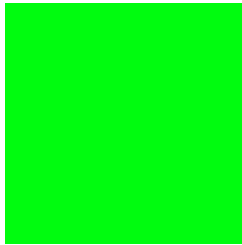


3997754



# Previews

## White Background



This preview shows how the Decimal color 64527 looks on a white background.

## Color Contrast Check

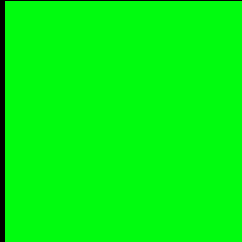
Large Text (above 18pt) WCAG AA × Fail

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 64527 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

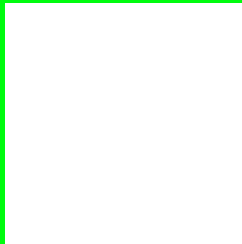
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 64527 Background



This preview shows how black text looks on a background with the Decimal color 64527.



This preview shows how white text looks on a background with the Decimal color 64527.

# 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](#).

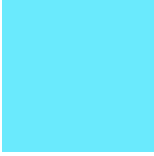
## Dichromacy



**Original Color**  
64527

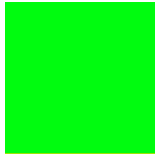
**Protanopia**  
15980544

**Deuteranopia**  
16765060



**Tritanopia**  
7006973

# Trichromacy



**Original Color**  
64527



**Protanomaly**  
10216709

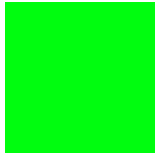


**Deuteranomaly**  
10674265



**Tritanomaly**  
4452774

# Monochromacy



**Original Color**  
64527



**Achromatopsia**  
9868950



**Achromatomaly**  
6273893

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 64527 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 #00FC0F looks like.

```
.text, #text, p{  
    color:#00FC0F  
}
```

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 #00FC0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00FC0F
}
```

## Border

The CSS property to change the border of an element to Decimal 64527 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
#00FC0F }
```

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

```
.border{ border-color:#00FC0F }
```

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

Here you see how a box with a 4 pixel #00FC0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00FC0F; -webkit-box-shadow:4px 4px  
4px 4px #00FC0F; box-shadow:4px 4px 4px  
4px #00FC0F }
```

# Background

The CSS property to change the background color of an element to Decimal 64527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00FC0F }
```

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

```
.background{ background-color:#00FC0F }
```

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