

# Converting Colors

Decimal(461327)

Have a look what the booklet for  
Decimal(461327) contains.

<b>Decimal(461327)</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(461327)**

# Conversions

## Conversions Part 1

Format	Color
Hex	070A0F
RGB	7, 10, 15
RGB Percent	3%, 4%, 6%
CMY	0.9725, 0.9608, 0.9412
CMYK	0.53, 0.33, 0.00, 0.94
HSL	218°, 36%, 4%
HSV	218°, 53%, 6%
XYZ	0.2824, 0.2967, 0.4943
YIQ	9.6730, -3.3930, 0.9190

# Conversions

## Conversions Part 2

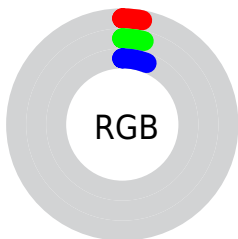
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">7, 9, 15</a>
Decimal	<a href="#">461327</a>
CIELab	<a href="#">2.68, 0.01, -2.45</a>
CIELCh	<a href="#">3, 2.449, 270.328</a>
Yxy	<a href="#">0.2967, 0.2631, 0.2764</a>
Android (android.graphics.Color)	<a href="#">4278651407 (0xFF070A0F)</a>
YUV	<a href="#">9.6730, 2.6262, -2.3442</a>
Hunter-Lab	<a href="#">5.4474, -0.2797, -1.5671</a>

# Details

The Decimal color **461327** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **986119**, and the grayscale version is **657930**.

A 20% lighter version of the original color is **3421754**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **395535**, and if you desaturate by 10%, it is **527119**.

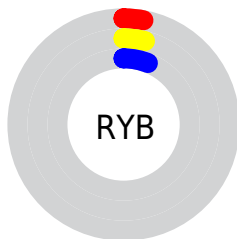
# Distribution



Red (3%)

Green (4%)

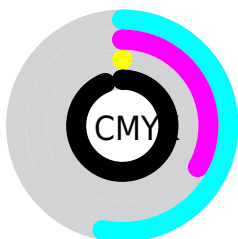
Blue (6%)



Red (3%)

Yellow (4%)

Blue (6%)

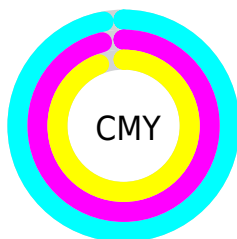


Cyan (53%)

Magenta (33%)

Yellow (0%)

Black (94%)



Cyan (97%)

Magenta (96%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 461327 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 461327 by changing the saturation by 10% instead.



■ 461327

■ 461327

■ 15264495

■ 0

■ 3421754

■ 4934993

■ 6514025

■ 8158850

■ 9869468

■ 11580087

■ 13422290

■ 461327

■ 461327

■ 395535

■ 527119

■ 264207

■ 658447

■ 132879

■ 724239

■ 67087

■ 855567

■ 1551

■ 921359

■ 1052687

■ 1118479

■ 1249551

■ 1315343

# Harmonies

## Analogous

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



264974



461327



723214

# Triad

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



461327



1050631



396039

# Complementary

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



461327



986119

# 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.



592645



461327



985349

# Square

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



461327



985098



788996



199690

# Rectangle

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



461327



854029



788996



461574



# Sweetspot

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



461327



1118740



462604



526602



9079434



657930



# Same Dimension

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



461327



461844



526095



460552



6983



19399



# Inverse Universe

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



984842



1312524



921351



526087



4653083

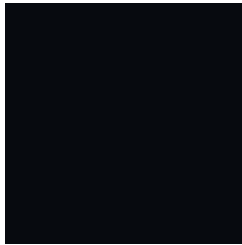


13041739



# Previews

## White Background



This preview shows how the Decimal color 461327 looks on a white background.

### Color Contrast Check

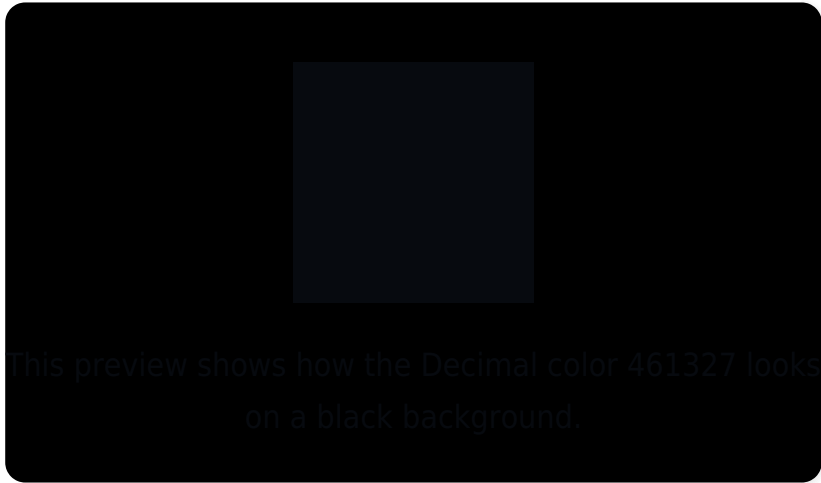
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

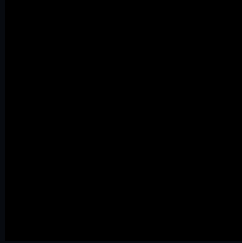
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 461327 Background



This preview shows how black text looks on a background with the Decimal color 461327.



This preview shows how white text looks on a background with the Decimal color 461327.

# 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**  
461327

**Protanopia**  
526863

**Deuteranopia**  
526863



**Tritanopia**  
396044

# Trichromacy



**Original Color**

461327

**Protanomaly**

526863

**Deuteranomaly**

526863

**Tritanomaly**

396045

# Monochromacy



**Original Color**

461327

**Achromatopsia**

657930

**Achromatomaly**

592396

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 461327 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 #070A0F looks like.

```
.text, #text, p{  
    color:#070A0F  
}
```

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 #070A0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #070A0F
}
```

## Border

The CSS property to change the border of an element to Decimal 461327 is called "border". The border property can be set on classes, ids or directly on the HTML element.

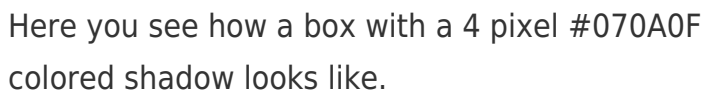
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#070A0F }
```

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

```
.border{ border-color:#070A0F }
```

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



Here you see how a box with a 4 pixel #070A0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #070A0F; -webkit-box-shadow:4px 4px  
4px 4px #070A0F; box-shadow:4px 4px 4px  
4px #070A0F }
```

# Background

The CSS property to change the background color of an element to Decimal 461327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#070A0F }
```

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

```
.background{ background-color:#070A0F }
```

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