

# Converting Colors

Decimal(3117079)

Have a look what the booklet for  
Decimal(3117079) contains.

<b>Decimal(3117079)</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(3117079)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2F9017
RGB	47, 144, 23
RGB Percent	18%, 56%, 9%
CMY	0.8157, 0.4353, 0.9098
CMYK	0.67, 0.00, 0.84, 0.44
HSL	108°, 72%, 33%
HSV	108°, 84%, 56%
XYZ	11.3002, 20.6127, 4.1937
YIQ	101.2030, -18.9710, -58.1950

# Conversions

## Conversions Part 2

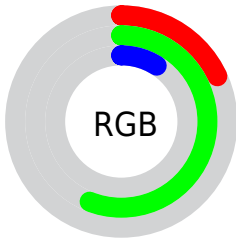
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 144, 120
Decimal	3117079
CIE <sub>Lab</sub>	52.52, -49.50, 50.60
CIE <sub>LCh</sub>	53, 70.786, 134.369
Yxy	20.6127, 0.3130, 0.5709
Android (android.graphics.Color)	4281307159 (0xFF2F9017)
YUV	101.2030, -38.5541, -47.5360
Hunter-Lab	45.4012, -35.0241, 26.3043

# Details

The Decimal color **3117079** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **7870352**, and the grayscale version is **6710886**.

A 20% lighter version of the original color is **7063375**, and **23552** is the 20% darker color. If you saturate the color by 10%, you get **2330633**, and if you desaturate by 10%, it is **3903525**.

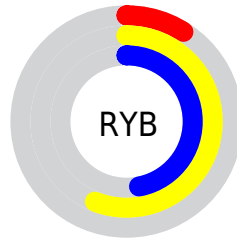
# Distribution



Red (18%)

Green (56%)

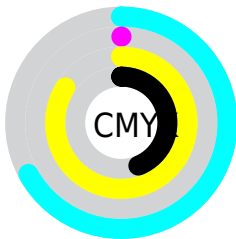
Blue (9%)



Red (9%)

Yellow (56%)

Blue (47%)

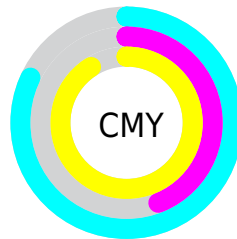


Cyan (67%)

Magenta (0%)

Yellow (84%)

Black (44%)



Cyan (82%)

Magenta (44%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3117079 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 3117079 by changing the saturation by 10% instead.



 3117079

 3117079

16777215

 30208

 7063375

 23552

 8905577

 17408

 10813316

 11776

 12713887

 4096

 14614459

 0

 16580567

 16777204

 3117079

 3117079

■ 2330633

■ 3903525

■ 1937408

■ 4624436

■ 5410882

■ 6131793

■ 6918239

■ 7639149

■ 8425596

■ 9146506

■ 9932953

# Harmonies

## Analogous

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



8160256



3117079



38490

# Triad

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



3117079



36339



15152739

# Complementary

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



3117079



7870352

# 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.



14237088



3117079



31732

# Square

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



3117079



38610



10706645



14111273

# Rectangle

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



3117079



39045



10706645



15086711



# Sweetspot

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



3117079



9812620



9467927



4742722



14606046



6184542



# Same Dimension

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



3117079



2472448



1544251



4343616



1804032



133120



# Inverse Universe

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



7870352



9765050



9443180



4603975



7078023



393224



# Previews

## White Background



This preview shows how the Decimal color 3117079 looks on a white background.

## Color Contrast Check

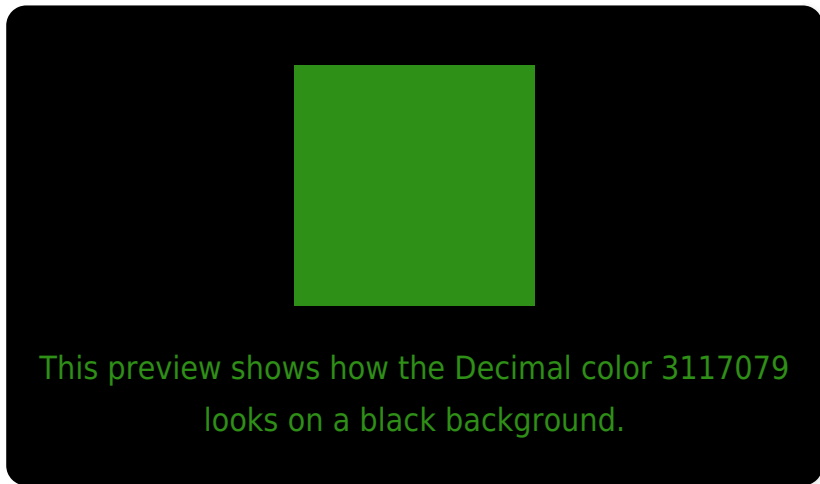
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Decimal 3117079 Background



This preview shows how black text looks on a background with the Decimal color 3117079.



This preview shows how white text looks on a background with the Decimal color 3117079.

# 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**  
3117079

**Protanopia**  
9207057

**Deuteranopia**  
10253861



**Tritanopia**  
4884113

# Trichromacy



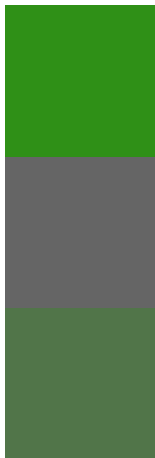
**Original Color**  
3117079

**Protanomaly**  
6980627

**Deuteranomaly**  
7634720

**Tritanomaly**  
4229733

# Monochromacy



**Original Color**  
3117079

**Achromatopsia**  
6645093

**Achromatomaly**  
5338441

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3117079 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 #2F9017 looks like.

```
.text, #text, p{  
  color:#2F9017  
}
```

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 #2F9017 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F9017
}
```

## Border

The CSS property to change the border of an element to Decimal 3117079 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
#2F9017 }
```

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

```
.border{ border-color:#2F9017 }
```

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

Here you see how a box with a 4 pixel #2F9017 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F9017; -webkit-box-shadow:4px 4px  
4px 4px #2F9017; box-shadow:4px 4px 4px  
4px #2F9017 }
```

# Background

The CSS property to change the background color of an element to Decimal 3117079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F9017 }
```

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

```
.background{ background-color:#2F9017 }
```

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