

# Converting Colors

Decimal(361216)

Have a look what the booklet for  
Decimal(361216) contains.

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**Color**

**Decimal(361216)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	058300
RGB	5, 131, 0
RGB Percent	2%, 51%, 0%
CMY	0.9804, 0.4863, 1.0000
CMYK	0.96, 0.00, 1.00, 0.49
HSL	118°, 100%, 26%
HSV	118°, 100%, 51%
XYZ	8.1789, 16.2649, 2.7084
YIQ	78.3920, -33.0450, -67.4530

# Conversions

## Conversions Part 2

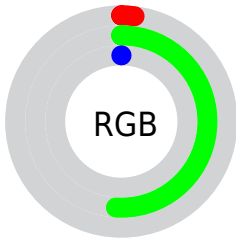
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 131, 126
Decimal	361216
CIELab	47.32, -52.19, 50.79
CIELCh	47, 72.823, 135.777
Yxy	16.2649, 0.3012, 0.5990
Android (android.graphics.Color)	4278551296 (0xFF058300)
YUV	78.3920, -38.6473, -64.3648
Hunter-Lab	40.3297, -34.3771, 24.2492

# Details

The Decimal color **361216** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8257667**, and the grayscale version is **5197647**.

A 20% lighter version of the original color is **5552448**, and **20480** is the 20% darker color. If you saturate the color by 10%, you get **361216**, and if you desaturate by 10%, it is **1213197**.

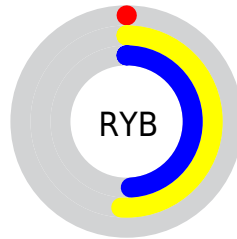
# Distribution



Red (2%)

Green (51%)

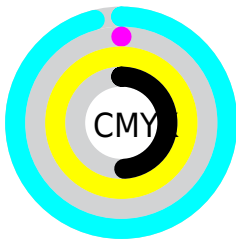
Blue (0%)



Red (0%)

Yellow (51%)

Blue (49%)

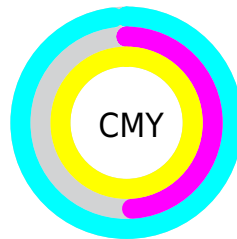


Cyan (96%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (98%)

Magenta (49%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 361216 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 361216 by changing the saturation by 10% instead.



 361216  361216


16777215  26880

 5552448  20480

 7460187  14336

 9368181  8448


 11272080  0

 13172652

 15138760

 16777189

 361216

 1213197

 1999642

 2851623

 3638068

 4490050

 5342031

 6128476

 6980457

 7766902

# Harmonies

## Analogous

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



7042816



361216



35152

# Triad

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



361216



33000



14228563

# Complementary

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



361216



8257667

# 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.



13444240



361216



28136

# Square

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



361216



35016



10046919



13058838

# Rectangle

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



361216



35451



10046919



14226791



# Sweetspot

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



361216



8039288



8616960



3757879



14079702



5723991



# Same Dimension

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



361216



502528



33595



3949116



360960



768



# Inverse Universe

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



8257667



10748075



8585288



4340802



8192130

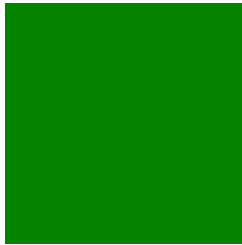


131075



# Previews

## White Background



This preview shows how the Decimal color 361216 looks on a white background.

### Color Contrast Check

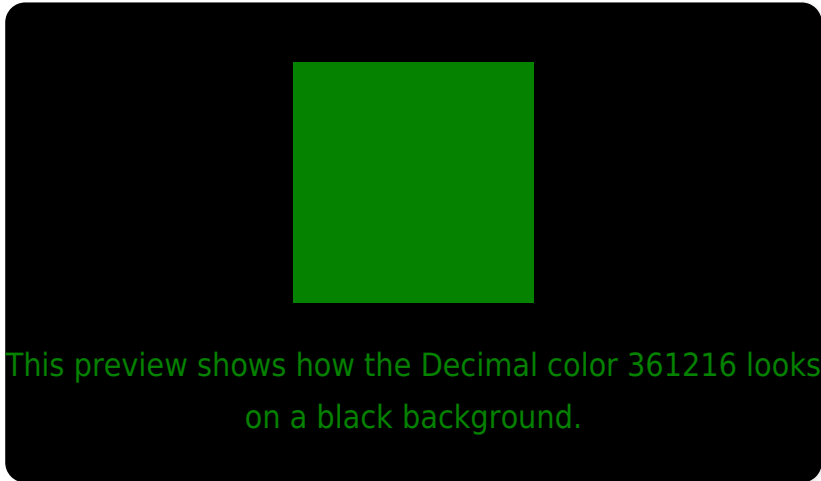
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Decimal 361216 Background



This preview shows how black text looks on a background with the Decimal color 361216.



This preview shows how white text looks on a background with the Decimal color 361216.

# 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**  
361216

**Protanopia**  
8286208

**Deuteranopia**  
9267740



# Trichromacy



**Original Color**  
361216



**Protanomaly**  
5404416



**Deuteranomaly**  
6058770

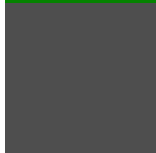


**Tritanomaly**  
2456916

# Monochromacy



**Original Color**  
361216



**Achromatopsia**  
5131854



**Achromatomaly**  
3367218

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 361216 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 #058300 looks like.

```
.text, #text, p{  
    color:#058300  
}
```

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 #058300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #058300
}
```

## Border

The CSS property to change the border of an element to Decimal 361216 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".

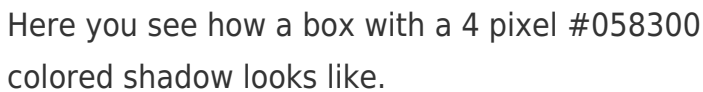
```
.border, #border, table{ border:4px solid
#058300 }
```

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

```
.border{ border-color:#058300 }
```

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

Here you see how a box with a 4 pixel #058300 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #058300; -webkit-box-shadow:4px 4px  
4px 4px #058300; box-shadow:4px 4px 4px  
4px #058300 }
```

# Background

The CSS property to change the background color of an element to Decimal 361216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#058300 }
```

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

```
.background{ background-color:#058300 }
```

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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