

# Converting Colors

Decimal(872960)

Have a look what the booklet for  
Decimal(872960) contains.

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# Color

**Decimal(872960)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0D5200
RGB	13, 82, 0
RGB Percent	5%, 32%, 0%
CMY	0.9490, 0.6784, 1.0000
CMYK	0.84, 0.00, 1.00, 0.68
HSL	110°, 100%, 16%
HSV	110°, 100%, 32%
XYZ	3.1833, 6.1202, 1.0135
YIQ	52.0210, -14.8020, -40.1300

# Conversions

## Conversions Part 2

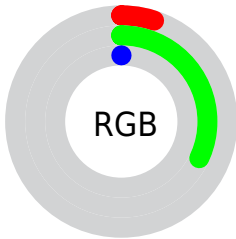
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 82, 69
Decimal	872960
CIELab	29.71, -35.87, 36.74
CIElCh	30, 51.352, 134.311
Yxy	6.1202, 0.3085, 0.5932
Android (android.graphics.Color)	4279063040 (0xFF0D5200)
YUV	52.0210, -25.6464, -34.2214
Hunter-Lab	24.7389, -20.3247, 14.8882

# Details

The Decimal color **872960** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4522066**, and the grayscale version is **3421236**.

A 20% lighter version of the original color is **4686900**, and **9728** is the 20% darker color. If you saturate the color by 10%, you get **872960**, and if you desaturate by 10%, it is **1331720**.

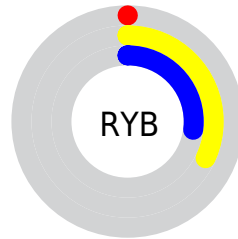
# Distribution



Red (5%)

Green (32%)

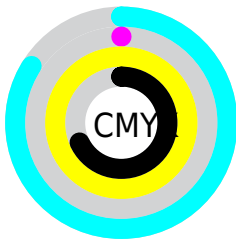
Blue (0%)



Red (0%)

Yellow (32%)

Blue (27%)

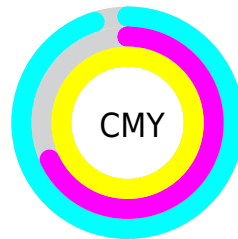


Cyan (84%)

Magenta (0%)

Yellow (100%)

Black (68%)



Cyan (95%)

Magenta (68%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 872960 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 872960 by changing the saturation by 10% instead.



 872960	 872960
 16777197	 14848
 4686900	 9728
 6397772	 0
 8174181	
 9950847	
 11793305	
 13631413	
 15531985	
 872960	

■ 1331720

■ 1790480

■ 2249241

■ 2708001

■ 3101225

■ 3559985

■ 4018745

■ 4477506

■ 4936266

# Harmonies

## Analogous

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



4540928



872960



22063

# Triad

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



872960



20883



9113909

# Complementary

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



872960



4522066

# 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.



8460381



872960



17812

# Square

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



872960



22141



6173056



8398862

# Rectangle

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



872960



22347



6173056



9047618



# Sweetspot

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



872960



5270347



5391360



2438690



11908533



3552822



# Same Dimension

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



872960



1141504



21019



2435365



1140992



2484224



# Inverse Universe

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



4522066



5898347



5374007



2630953



5767273

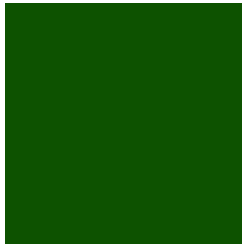


12779752



# Previews

## White Background



This preview shows how the Decimal color 872960 looks on a white background.

## Color Contrast Check

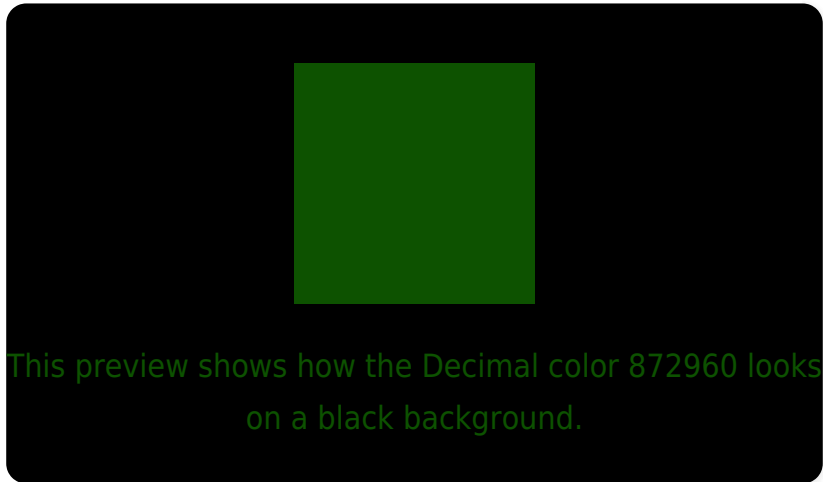
Large Text (above 18pt) WCAG AA ✓ Pass

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

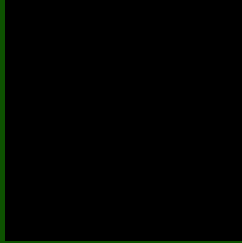
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 872960 Background



This preview shows how black text looks on a background with the Decimal color 872960.



This preview shows how white text looks on a background with the Decimal color 872960.

# 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**  
872960

**Protanopia**  
5195264

**Deuteranopia**  
5784338



# Trichromacy



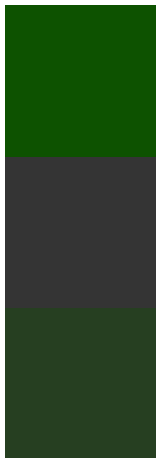
**Original Color**  
872960

**Protanomaly**  
3623424

**Deuteranomaly**  
4016139

**Tritanomaly**  
1855028

# Monochromacy



**Original Color**  
872960

**Achromatopsia**  
3421236

**Achromatomaly**  
2506529

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 872960 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 #0D5200 looks like.

```
.text, #text, p{  
    color:#0D5200  
}
```

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 #0D5200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D5200
}
```

## Border

The CSS property to change the border of an element to Decimal 872960 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
#0D5200 }
```

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

```
.border{ border-color:#0D5200 }
```

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

Here you see how a box with a 4 pixel #0D5200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D5200; -webkit-box-shadow:4px 4px  
4px 4px #0D5200; box-shadow:4px 4px 4px  
4px #0D5200 }
```

# Background

The CSS property to change the background color of an element to Decimal 872960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D5200 }
```

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

```
.background{ background-color:#0D5200 }
```

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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