

# Converting Colors

Decimal(9876829)

Have a look what the booklet for  
Decimal(9876829) contains.

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# **Color**

**Decimal(9876829)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	96B55D
RGB	150, 181, 93
RGB Percent	59%, 71%, 36%
CMY	0.4118, 0.2902, 0.6353
CMYK	0.17, 0.00, 0.49, 0.29
HSL	81°, 37%, 54%
HSV	81°, 49%, 71%
XYZ	31.0773, 40.3221, 16.5009
YIQ	161.6990, 9.7720, -33.9400

# Conversions

## Conversions Part 2

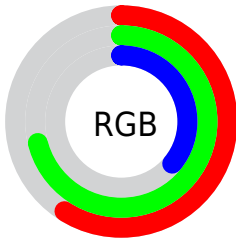
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 181, 124
Decimal	9876829
CIELab	69.70, -24.93, 41.13
CIELCh	70, 48.092, 121.223
Yxy	40.3221, 0.3536, 0.4587
Android (android.graphics.Color)	4288066909 (0xFF96B55D)
YUV	161.6990, -33.8686, -10.2600
Hunter-Lab	63.4997, -23.7649, 29.0428

# Details

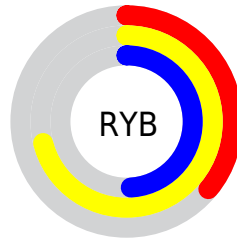
The Decimal color **9876829** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **8150453**, and the grayscale version is **10658466**.

A 20% lighter version of the original color is **13561233**, and **6389803** is the 20% darker color. If you saturate the color by 10%, you get **9483595**, and if you desaturate by 10%, it is **10270063**.

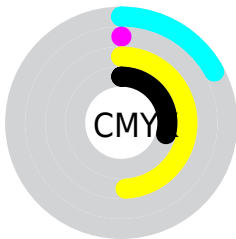
# Distribution



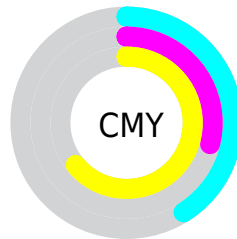
- Red (59%)
- Green (71%)
- Blue (36%)



- Red (36%)
- Yellow (71%)
- Blue (49%)



- Cyan (17%)
- Magenta (0%)
- Yellow (49%)
- Black (29%)



- Cyan (41%)
- Magenta (29%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 9876829 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 9876829 by changing the saturation by 10% instead.





9876829



9876829

16777215



8100420



13561233



6389803



15400876



4744977



16777160



3100416



16777188



1456128



8960



0



9876829



9876829



9483595



10270063

9024825

10728833

8631591

11122067

8172821

11580837

7779587

11974072

7714048

12367306

12826076

13219310

13612543

# Harmonies

## Analogous

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



12822609



9876829



6208895

# Triad

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



9876829



47862



16418474

# Complementary

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



9876829



8150453

# 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.



14847701



9876829



6467327

# Square

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



9876829



49366



11575029



16419711

# Rectangle

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



9876829



2080924



11575029



16091065



# Sweetspot

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



9876829



14609351



11893853



7239008



16119285



7697781



# Same Dimension

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



9876829



12315491



6993245



5658960



6527232



1120768



# Inverse Universe

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



8150453



9593835



11034037



5460057



3539097



589850



# Previews

## White Background



This preview shows how the Decimal color 9876829 looks on a white background.

## Color Contrast Check

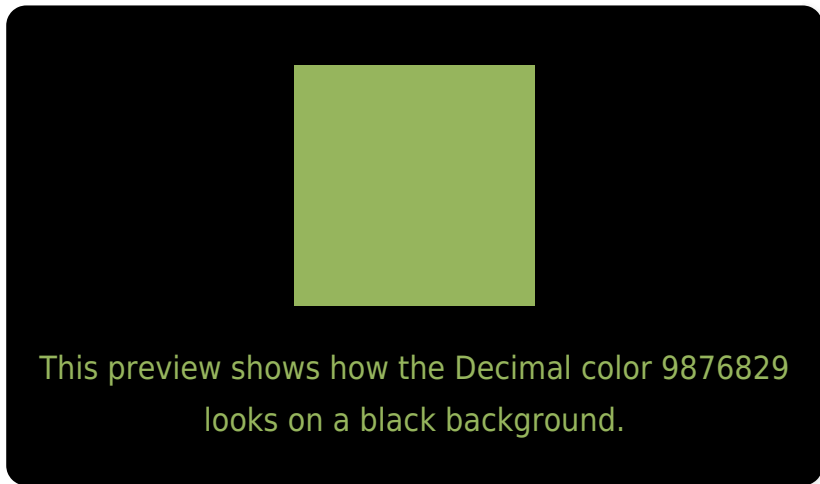
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 9876829 Background



This preview shows how black text looks on a background with the Decimal color 9876829.



This preview shows how white text looks on a background with the Decimal color 9876829.

# 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**  
9876829

**Protanopia**  
12298841

**Deuteranopia**  
13607522



# Trichromacy



**Original Color**  
9876829

**Protanomaly**  
11447898

**Deuteranomaly**  
12233056

**Tritanomaly**  
10399639

# Monochromacy



**Original Color**  
9876829

**Achromatopsia**  
10658466

**Achromatomaly**  
10398089

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 9876829 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 #96B55D looks like.

```
.text, #text, p{  
  color:#96B55D  
}
```

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 #96B55D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96B55D
}
```

## Border

The CSS property to change the border of an element to Decimal 9876829 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
#96B55D }
```

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

```
.border{ border-color:#96B55D }
```

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

Here you see how a box with a 4 pixel #96B55D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96B55D; -webkit-box-shadow:4px 4px  
4px 4px #96B55D; box-shadow:4px 4px 4px  
4px #96B55D }
```

# Background

The CSS property to change the background color of an element to Decimal 9876829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96B55D }
```

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

```
.background{ background-color:#96B55D }
```

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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