

Converting Colors

Decimal(885309)

Have a look what the booklet for
Decimal(885309) contains.

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Color

Decimal(885309)

Conversions

Conversions Part 1

Format	Color
Hex	0D823D
RGB	13, 130, 61
RGB Percent	5%, 51%, 24%
CMY	0.9490, 0.4902, 0.7608
CMYK	0.90, 0.00, 0.53, 0.49
HSL	145°, 82%, 28%
HSV	145°, 90%, 51%
XYZ	8.9909, 16.3878, 7.1042
YIQ	87.1510, -47.5830, -46.2630

Conversions

Conversions Part 2

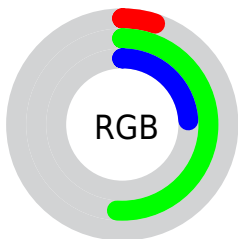
Format	Color
RYB	13, 96, 130
Decimal	885309
CIELab	47.48, -45.80, 28.93
CIELCh	47, 54.170, 147.718
Yxy	16.3878, 0.2768, 0.5045
Android (android.graphics.Color)	4279075389 (0xFF0D823D)
YUV	87.1510, -12.8924, -65.0304
Hunter-Lab	40.4818, -31.1987, 17.9324

Details

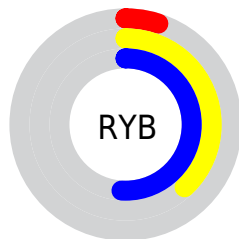
The Decimal color **885309** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **8523090**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **5486702**, and **20238** is the 20% darker color. If you saturate the color by 10%, you get **33333**, and if you desaturate by 10%, it is **1737285**.

Distribution



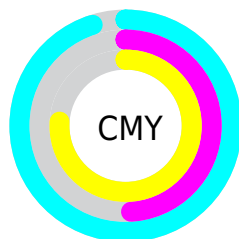
- Red (5%)
- Green (51%)
- Blue (24%)



- Red (5%)
- Yellow (38%)
- Blue (51%)



- Cyan (90%)
- Magenta (0%)
- Yellow (53%)
- Black (49%)



- Cyan (95%)
- Magenta (49%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 885309 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 885309 by changing the saturation by 10% instead.



885309



885309

16777215



26662



5486702



20238



7394440



14080



9236898



8448



11075518



0



12976090



14876662



885309



885309



33333



1737285

■ 2589260

■ 3441236

■ 4293212

■ 5145187

■ 5997163

■ 6849139

■ 7701114

■ 8553090

Harmonies

Analogous

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



6126099



885309



34412

Triad

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



885309



30668



12601673

Complementary

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



885309



8523090

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.



12534646



885309



6907586

Square

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



885309



33213



10768802



11295521

Rectangle

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



885309



34443



10768802



12731480

Sweetspot

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



885309



8104078



5472781



3757124



13948116



5526612

Same Dimension

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



885309



43077



885366



3751996



32820



0

Inverse Universe

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



8523090



11010147



8523033



4208957



8388683



0

Previews

White Background



This preview shows how the Decimal color 885309 looks on a white background.

Color Contrast Check

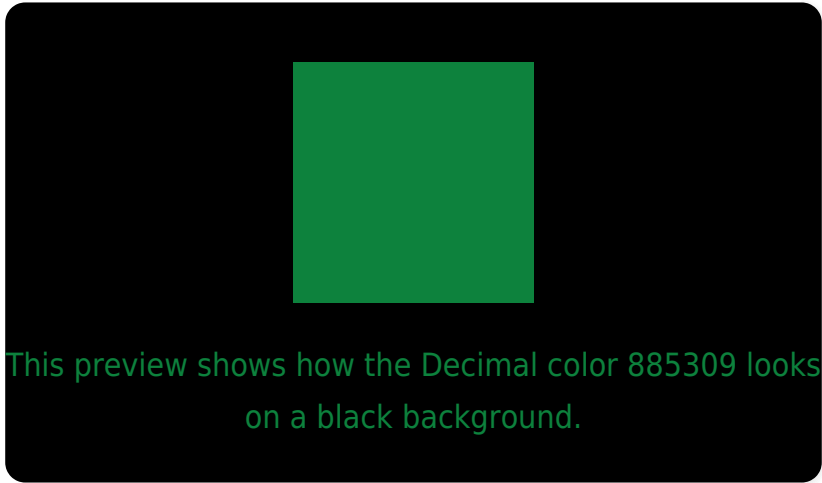
Large Text (above 18pt) WCAG AA ✓ Pass

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 885309 Background



This preview shows how black text looks on a background with the Decimal color 885309.

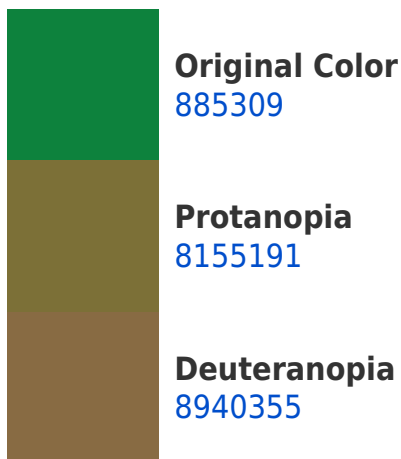


This preview shows how white text looks on a background with the Decimal color 885309.

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



Trichromacy



Original Color
885309



Protanomaly
553545



Deuteranomaly
5993281



Tritanomaly
2522474

Monochromacy



Original Color
885309



Achromatopsia
5723991



Achromatomaly
3958606

CSS Examples

Text

The CSS property to change the color of the text to Decimal 885309 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 #0D823D looks like.

```
.text, #text, p{  
    color:#0D823D  
}
```

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 #0D823D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D823D
}
```

Border

The CSS property to change the border of an element to Decimal 885309 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
#0D823D }
```

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

```
.border{ border-color:#0D823D }
```

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

Here you see how a box with a 4 pixel #0D823D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D823D; -webkit-box-shadow:4px 4px  
4px 4px #0D823D; box-shadow:4px 4px 4px  
4px #0D823D }
```

Background

The CSS property to change the background color of an element to Decimal 885309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D823D }
```

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

```
.background{ background-color:#0D823D }
```

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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