

Converting Colors

Decimal(4825969)

Have a look what the booklet for
Decimal(4825969) contains.

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Color

Decimal(4825969)

Conversions

Conversions Part 1

Format	Color
Hex	49A371
RGB	73, 163, 113
RGB Percent	29%, 64%, 44%
CMY	0.7137, 0.3608, 0.5569
CMYK	0.55, 0.00, 0.31, 0.36
HSL	147°, 38%, 46%
HSV	147°, 55%, 64%
XYZ	18.8255, 28.8031, 20.1901
YIQ	130.3900, -37.5900, -34.6300

Conversions

Conversions Part 2

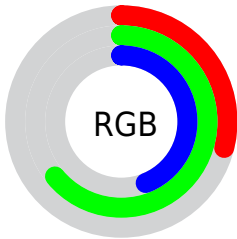
Format	Color
RYB	73, 135, 163
Decimal	4825969
CIELab	60.61, -38.75, 18.03
CIElCh	61, 42.740, 155.043
Yxy	28.8031, 0.2776, 0.4247
Android (android.graphics.Color)	4283016049 (0xFF49A371)
YUV	130.3900, -8.5733, -50.3310
Hunter-Lab	53.6685, -31.3069, 15.2630

Details

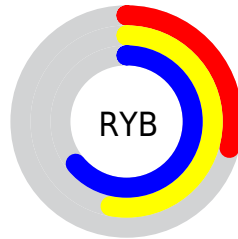
The Decimal color **4825969** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **10701179**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **8444837**, and **93761** is the 20% darker color. If you saturate the color by 10%, you get **3777384**, and if you desaturate by 10%, it is **5874554**.

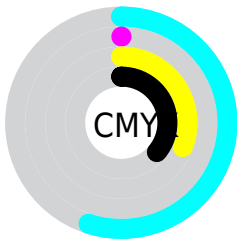
Distribution



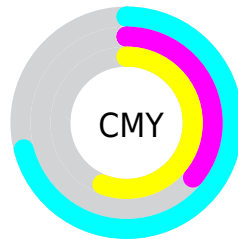
- Red (29%)
- Green (64%)
- Blue (44%)



- Red (29%)
- Yellow (53%)
- Blue (64%)



- Cyan (55%)
- Magenta (0%)
- Yellow (31%)
- Black (36%)



- Cyan (71%)
- Magenta (36%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4825969 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 4825969 by changing the saturation by 10% instead.



4825969



4825969

16777215



2918488



8444837



93761



10287040



21802



12124124



15637



14024697



10240



15990783



1024



0



4825969



4825969



3777384



5874554

■ 2663263

■ 6988675

■ 1614678

■ 8037260

■ 566093

■ 9085845

■ 41800

■ 10199966

■ 11248551

■ 12297136

■ 13345721

■ 14459843

Harmonies

Analogous

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



8101202



4825969



42648

Triad

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



4825969



6264029



1405529

Complementary

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



4825969



10701179

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.



14250893



4825969



10389200

Square

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



4825969



40918



13007027



12813646

Rectangle

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



4825969



42417



13007027



14251380

Sweetspot

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



4825969



11588800



8168265



5663583



15461355



7039851

Same Dimension

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



4825969



4772998



4826013



4805197



37185



4616

Inverse Universe

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



10701179



13912214



10701135



5392718



9502801



1179658

Previews

White Background



This preview shows how the Decimal color 4825969 looks on a white background.

Color Contrast Check

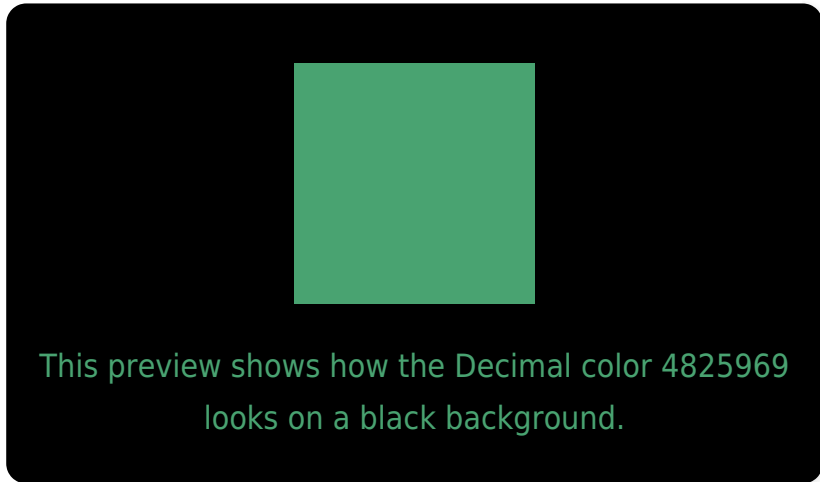
Large Text (above 18pt) WCAG AA ✓ Pass

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

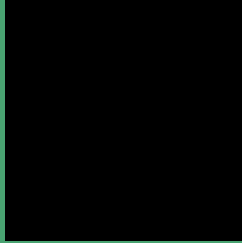
Any Text WCAG AA ✓ Pass

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 4825969 Background



This preview shows how black text looks on a background with the Decimal color 4825969.



This preview shows how white text looks on a background with the Decimal color 4825969.

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4825969 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 #49A371 looks like.

```
.text, #text, p{  
    color:#49A371  
}
```

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 #49A371 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49A371
}
```

Border

The CSS property to change the border of an element to Decimal 4825969 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
#49A371 }
```

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

```
.border{ border-color:#49A371 }
```

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

Here you see how a box with a 4 pixel #49A371 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49A371; -webkit-box-shadow:4px 4px  
4px 4px #49A371; box-shadow:4px 4px 4px  
4px #49A371 }
```

Background

The CSS property to change the background color of an element to Decimal 4825969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49A371 }
```

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

```
.background{ background-color:#49A371 }
```

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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