

Converting Colors

Decimal(4966011)

Have a look what the booklet for
Decimal(4966011) contains.

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Color

Decimal(4966011)

Conversions

Conversions Part 1

Format	Color
Hex	4BC67B
RGB	75, 198, 123
RGB Percent	29%, 78%, 48%
CMY	0.7059, 0.2235, 0.5176
CMYK	0.62, 0.00, 0.38, 0.22
HSL	143°, 52%, 54%
HSV	143°, 62%, 78%
XYZ	26.6709, 43.3141, 25.6936
YIQ	152.6730, -49.2330, -49.4010

Conversions

Conversions Part 2

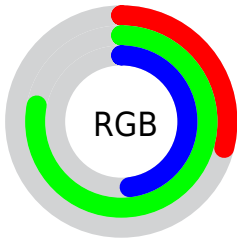
Format	Color
RYB	75, 163, 198
Decimal	4966011
CIELab	71.77, -50.97, 27.73
CIELCh	72, 58.023, 151.447
Yxy	43.3141, 0.2788, 0.4527
Android (android.graphics.Color)	4283156091 (0xFF4BC67B)
YUV	152.6730, -14.6288, -68.1192
Hunter-Lab	65.8134, -42.8364, 22.9225

Details

The Decimal color **4966011** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **12995478**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **8912816**, and **36681** is the 20% darker color. If you saturate the color by 10%, you get **3655279**, and if you desaturate by 10%, it is **6276743**.

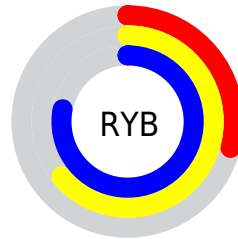
Distribution



Red (29%)

Green (78%)

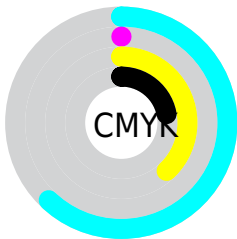
Blue (48%)



Red (29%)

Yellow (64%)

Blue (78%)

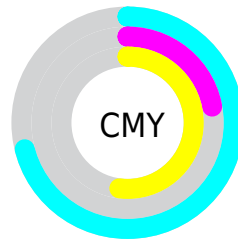


Cyan (62%)

Magenta (0%)

Yellow (38%)

Black (22%)



Cyan (71%)

Magenta (22%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4966011 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 4966011 by changing the saturation by 10% instead.

 4966011

 4966011

16777215

 2665058

 8912816

 36681

 10813388

 30002

 12779496

 23323

 14680063

 16899

 16646143

 11520

 3072

 0

 4966011

 4966011

■ 3655279

■ 6276743

■ 2344547

■ 7587475

■ 1099351

■ 8832671

■ 50765

■ 10143403

■ 11454135

■ 12764867

■ 14075600

■ 15320796

■ 16631528

Harmonies

Analogous

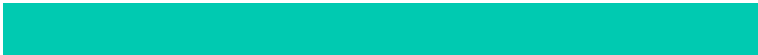
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9813329



4966011



51889

Triad

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



4966011



4634111



16746620

Complementary

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



4966011



12995478

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.



16744879



4966011



11969023

Square

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



4966011



49919



15961315



16095826

Rectangle

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



4966011



51925



15961315



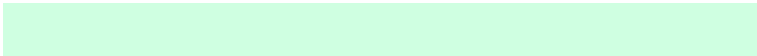
16745612

Sweetspot

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



4966011



13631457



9946699



6455406



0



8421504

Same Dimension

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



4966011



4259722



4966072



5923677



41792



9230

Inverse Universe

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



12995478



16728244



12995417



6511200



10682468



2359318

Previews

White Background



This preview shows how the Decimal color 4966011 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



This preview shows how the Decimal color 4966011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

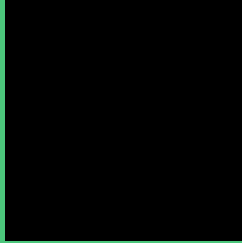
Any Text WCAG AA ✓ Pass

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 4966011 Background



This preview shows how black text looks on a background with the Decimal color 4966011.



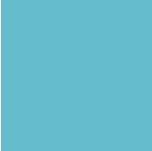
This preview shows how white text looks on a background with the Decimal color 4966011.

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





Tritanopia
6601932

Trichromacy



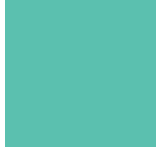
Original Color
4966011



Protanomaly
9746293



Deuteranomaly
10400383



Tritanomaly
6013103

Monochromacy



Original Color
4966011



Achromatopsia
10066329



Achromatomaly
8235406

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4966011 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 #4BC67B looks like.

```
.text, #text, p{  
    color:#4BC67B  
}
```

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 #4BC67B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BC67B
}
```

Border

The CSS property to change the border of an element to Decimal 4966011 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
#4BC67B }
```

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

```
.border{ border-color:#4BC67B }
```

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

Here you see how a box with a 4 pixel #4BC67B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BC67B; -webkit-box-shadow:4px 4px  
4px 4px #4BC67B; box-shadow:4px 4px 4px  
4px #4BC67B }
```

Background

The CSS property to change the background color of an element to Decimal 4966011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BC67B }
```

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

```
.background{ background-color:#4BC67B }
```

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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