

Converting Colors

Decimal(1736737)

Have a look what the booklet for
Decimal(1736737) contains.

Decimal(1736737)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(1736737)

Conversions

Conversions Part 1

Format	Color
Hex	1A8021
RGB	26, 128, 33
RGB Percent	10%, 50%, 13%
CMY	0.8980, 0.4980, 0.8706
CMYK	0.80, 0.00, 0.74, 0.50
HSL	124°, 66%, 30%
HSV	124°, 80%, 50%
XYZ	8.4197, 15.7678, 4.0386
YIQ	86.6720, -30.2970, -51.1690

Conversions

Conversions Part 2

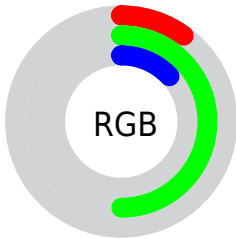
Format	Color
R_{YB}	26, 121, 128
Decimal	1736737
CIE Lab	46.67, -47.23, 41.35
CIE LCh	47, 62.775, 138.800
Yxy	15.7678, 0.2983, 0.5586
Android (android.graphics.Color)	4279926817 (0xFF1A8021)
YUV	86.6720, -26.4603, -53.2093
Hunter-Lab	39.7086, -31.6416, 21.7660

Details

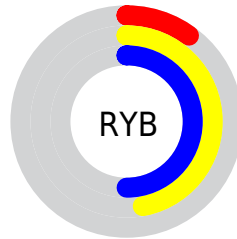
The Decimal color **1736737** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8395385**, and the grayscale version is **5723991**.

A 20% lighter version of the original color is **5879380**, and **19712** is the 20% darker color. If you saturate the color by 10%, you get **884757**, and if you desaturate by 10%, it is **2588717**.

Distribution



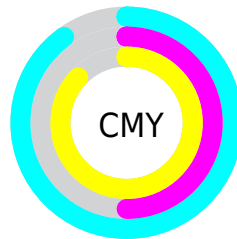
- Red (10%)
- Green (50%)
- Blue (13%)



- Red (10%)
- Yellow (47%)
- Blue (50%)



- Cyan (80%)
- Magenta (0%)
- Yellow (74%)
- Black (50%)



- Cyan (90%)
- Magenta (50%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1736737 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 1736737 by changing the saturation by 10% instead.

 1736737

 1736737

16777215

 26115

 5879380

 19712

 7787117

 13568

 9629575

 7936

 11468706

 0

 13369278

 15335386

 16777207

 1736737

 1736737

■ 884757

■ 2588717

■ 32777

■ 3440697

■ 4227141

■ 5079121

■ 5931101

■ 6783081

■ 7635060

■ 8421504

■ 9273484

Harmonies

Analogous

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



6780416



1736737



34136

Triad

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



1736737



31703



13251920

Complementary

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



1736737



8395385

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.



12727941



1736737



3828179

Square

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



1736737



33725



10047413



12143902

Rectangle

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



1736737



34429



10047413



13316449

Sweetspot

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



1736737



8300161



7962650



3953725



13948116



5526612

Same Dimension

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



1736737



501266



1736788



3751994



32777



0

Inverse Universe

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



8395385



10880923



8395334



4208959



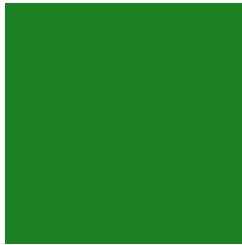
8388727



0

Previews

White Background



This preview shows how the Decimal color 1736737 looks on a white background.

Color Contrast Check

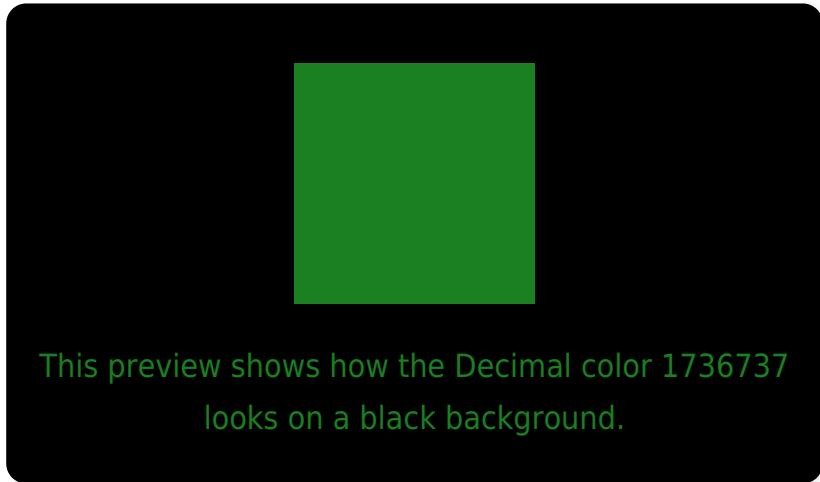
Large Text (above 18pt) WCAG AA ✓ Pass

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 1736737 Background



This preview shows how black text looks on a background with the Decimal color 1736737.



This preview shows how white text looks on a background with the Decimal color 1736737.

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
1736737

Protanopia
8154652

Deuteranopia
9005354

Trichromacy



Original Color

1736737



Protanomaly

5797150



Deuteranomaly

6385959



Tritanomaly

3045982

Monochromacy



Original Color

1736737



Achromatopsia

5723991



Achromatomaly

4286019

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1736737 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 #1A8021 looks like.

```
.text, #text, p{  
    color:#1A8021  
}
```

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 #1A8021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A8021
}
```

Border

The CSS property to change the border of an element to Decimal 1736737 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
#1A8021 }
```

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

```
.border{ border-color:#1A8021 }
```

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

Here you see how a box with a 4 pixel #1A8021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A8021; -webkit-box-shadow:4px 4px  
4px 4px #1A8021; box-shadow:4px 4px 4px  
4px #1A8021 }
```

Background

The CSS property to change the background color of an element to Decimal 1736737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A8021 }
```

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

```
.background{ background-color:#1A8021 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor