

Converting Colors

Decimal(4311095)

Have a look what the booklet for
Decimal(4311095) contains.

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Color

Decimal(4311095)

Conversions

Conversions Part 1

Format	Color
Hex	41C837
RGB	65, 200, 55
RGB Percent	25%, 78%, 22%
CMY	0.7451, 0.2157, 0.7843
CMYK	0.68, 0.00, 0.72, 0.22
HSL	116°, 57%, 50%
HSV	116°, 72%, 78%
XYZ	23.5238, 42.7082, 10.6181
YIQ	143.1050, -33.9150, -73.7150

Conversions

Conversions Part 2

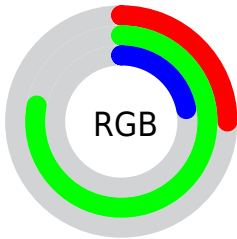
Format	Color
RYB	55, 200, 190
Decimal	4311095
CIELab	71.36, -62.61, 58.56
CIELCh	71, 85.727, 136.916
Yxy	42.7082, 0.3061, 0.5557
Android (android.graphics.Color)	4282501175 (0xFF41C837)
YUV	143.1050, -43.4358, -68.4981
Hunter-Lab	65.3515, -50.1125, 36.1128

Details

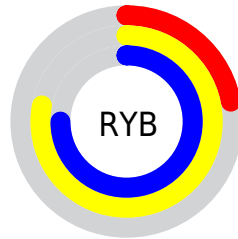
The Decimal color **4311095** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **12466120**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **8585070**, and **37120** is the 20% darker color. If you saturate the color by 10%, you get **3065891**, and if you desaturate by 10%, it is **5556299**.

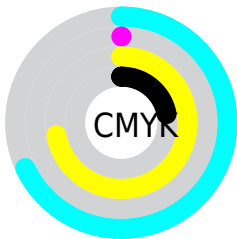
Distribution



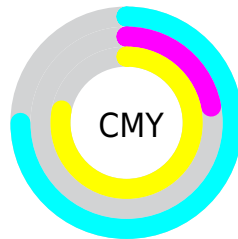
- Red (25%)
- Green (78%)
- Blue (22%)



- Red (22%)
- Yellow (78%)
- Blue (75%)



- Cyan (68%)
- Magenta (0%)
- Yellow (72%)
- Black (22%)



- Cyan (75%)
- Magenta (22%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4311095 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 4311095 by changing the saturation by 10% instead.



4311095



4311095

16777215



1092630



8585070



37120



10551178



30208



12517286



23552



14548930



17152



16515039



11008

16777212



2304



0



4311095



4311095

■ 3065891

■ 5556299

■ 1886223

■ 6735967

■ 968704

■ 7981171

■ 9160839

■ 10406043

■ 11651247

■ 12830915

■ 14076119

■ 15321323

Harmonies

Analogous

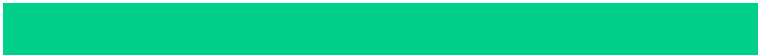
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11057408



4311095



53385

Triad

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



4311095



49919



16734854

Complementary

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



4311095



12466120

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.



16735956



4311095



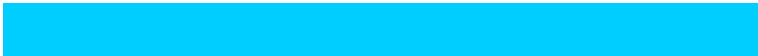
5417471

Square

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



4311095



52991



15238399



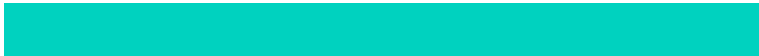
16743228

Rectangle

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



4311095



53951



15238399



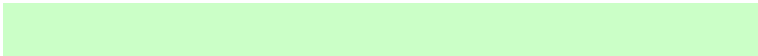
16733600

Sweetspot

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



4311095



13369287



13155383



6389854



0



8421504

Same Dimension

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



4311095



3211041



3655795



5923674



762624



140288

Inverse Universe

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



12466120



15737343



13121420



6511203



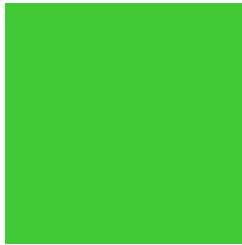
9961635



2162724

Previews

White Background



This preview shows how the Decimal color 4311095 looks on a white background.

Color Contrast Check

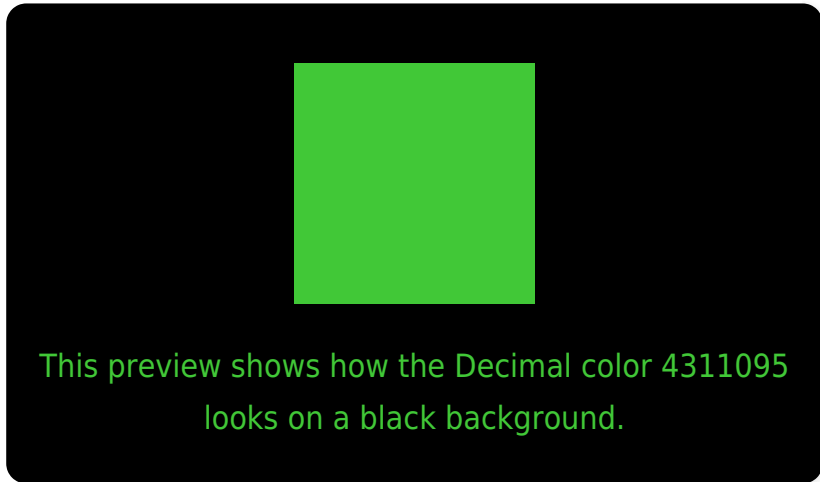
Large Text (above 18pt) WCAG AA × Fail

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 4311095 Background



This preview shows how black text looks on a background with the Decimal color 4311095.



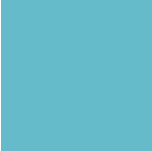
This preview shows how white text looks on a background with the Decimal color 4311095.

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
6732746

Trichromacy



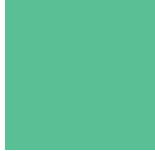
Original Color
4311095



Protanomaly
9680691



Deuteranomaly
10596927



Tritanomaly
5882005

Monochromacy



Original Color
4311095



Achromatopsia
9408399



Achromatomaly
7578735

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4311095 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 #41C837 looks like.

```
.text, #text, p{  
  color:#41C837  
}
```

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 #41C837 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41C837  
}
```

Border

The CSS property to change the border of an element to Decimal 4311095 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  
#41C837 }
```

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

```
.border{ border-color:#41C837 }
```

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

Here you see how a box with a 4 pixel #41C837 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41C837; -webkit-box-shadow:4px 4px  
4px 4px #41C837; box-shadow:4px 4px 4px  
4px #41C837 }
```

Background

The CSS property to change the background color of an element to Decimal 4311095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41C837 }
```

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

```
.background{ background-color:#41C837 }
```

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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