

Converting Colors

Decimal(1426806)

Have a look what the booklet for
Decimal(1426806) contains.

Decimal(1426806)	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(1426806)

Conversions

Conversions Part 1

Format	Color
Hex	15C576
RGB	21, 197, 118
RGB Percent	8%, 77%, 46%
CMY	0.9176, 0.2275, 0.5373
CMYK	0.89, 0.00, 0.40, 0.23
HSL	153°, 81%, 43%
HSV	153°, 89%, 77%
XYZ	23.5455, 41.3999, 23.8896
YIQ	135.3700, -79.5370, -61.8810

Conversions

Conversions Part 2

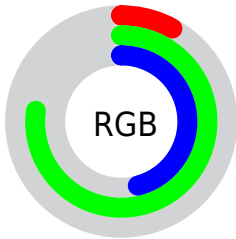
Format	Color
RYB	21, 134, 197
Decimal	1426806
CIELab	70.46, -58.63, 28.43
CIELCh	70, 65.161, 154.128
Yxy	41.3999, 0.2650, 0.4660
Android (android.graphics.Color)	4279616886 (0xFF15C576)
YUV	135.3700, -8.5634, -100.3025
Hunter-Lab	64.3428, -47.2798, 23.0264

Details

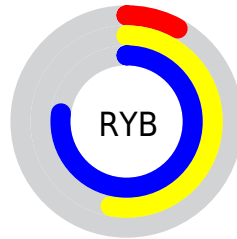
The Decimal color **1426806** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **12916068**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **6881195**, and **36420** is the 20% darker color. If you saturate the color by 10%, you get **116077**, and if you desaturate by 10%, it is **2737535**.

Distribution



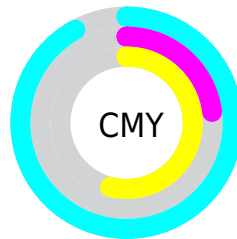
- Red (8%)
- Green (77%)
- Blue (46%)



- Red (8%)
- Yellow (53%)
- Blue (77%)



- Cyan (89%)
- Magenta (0%)
- Yellow (40%)
- Black (23%)



- Cyan (92%)
- Magenta (23%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1426806 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 1426806 by changing the saturation by 10% instead.

 1426806

 1426806

16777215

 43357

 6881195

 36420

 8978374

 29485

 10944483

 22806

 12976127

 16384

 14942207

 10496

 768

 0

 1426806

 1426806

■ 116077

■ 2737535

■ 50541

■ 3982728

■ 5293457

■ 6604185

■ 7914914

■ 9160107

■ 10470836

■ 11781565

■ 13026758

Harmonies

Analogous

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



8895555



1426806



51635

Triad

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



1426806



2732287



16744301

Complementary

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



1426806



12916068

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.



16741543



1426806



12163583

Square

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



1426806



49407



16482529



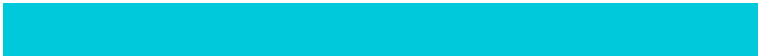
16029247

Rectangle

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



1426806



51675



16482529



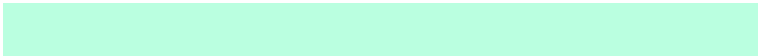
16742783

Sweetspot

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



1426806



12255200



6604053



5734509



0



8421504

Same Dimension

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



1426806



65421



1424581



5923679



41818



9236

Inverse Universe

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



12916068



16711794



12918293



6511198



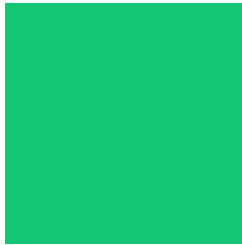
10682441



2359312

Previews

White Background



This preview shows how the Decimal color 1426806 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 1426806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

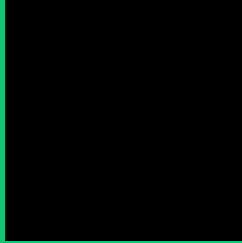
Any Text WCAG AA ✓ Pass

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 1426806 Background



This preview shows how black text looks on a background with the Decimal color 1426806.



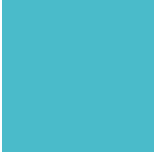
This preview shows how white text looks on a background with the Decimal color 1426806.

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
4897738

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 1426806 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 #15C576 looks like.

```
.text, #text, p{  
    color:#15C576  
}
```

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 #15C576 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15C576  
}
```

Border

The CSS property to change the border of an element to Decimal 1426806 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  
#15C576 }
```

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

```
.border{ border-color:#15C576 }
```

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

Here you see how a box with a 4 pixel #15C576 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15C576; -webkit-box-shadow:4px 4px  
4px 4px #15C576; box-shadow:4px 4px 4px  
4px #15C576 }
```

Background

The CSS property to change the background color of an element to Decimal 1426806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15C576 }
```

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

```
.background{ background-color:#15C576 }
```

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