

Converting Colors

Decimal(56704)

Have a look what the booklet for
Decimal(56704) contains.

Decimal(56704)	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(56704)

Conversions

Conversions Part 1

Format	Color
Hex	00DD80
RGB	0, 221, 128
RGB Percent	0%, 87%, 50%
CMY	1.0000, 0.1333, 0.4980
CMYK	1.00, 0.00, 0.42, 0.13
HSL	155°, 100%, 43%
HSV	155°, 100%, 87%
XYZ	29.7527, 53.2714, 29.1364
YIQ	144.3190, -101.8630, -75.7750

Conversions

Conversions Part 2

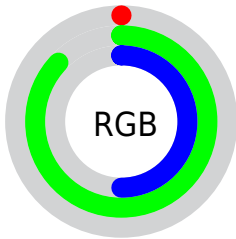
Format	Color
RYB	0, 140, 221
Decimal	56704
CIELab	78.03, -65.83, 33.25
CIELCh	78, 73.749, 153.203
Yxy	53.2714, 0.2653, 0.4750
Android (android.graphics.Color)	4278246784 (0xFF00DD80)
YUV	144.3190, -8.0453, -126.5678
Hunter-Lab	72.9873, -54.9635, 27.4227

Details

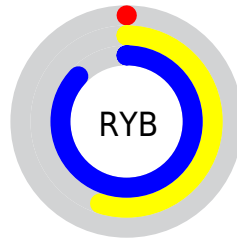
The Decimal color **56704** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **14483549**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **7012278**, and **42061** is the 20% darker color. If you saturate the color by 10%, you get **56704**, and if you desaturate by 10%, it is **1498505**.

Distribution



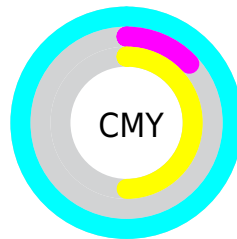
- Red (0%)
- Green (87%)
- Blue (50%)



- Red (0%)
- Yellow (55%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (42%)
- Black (13%)

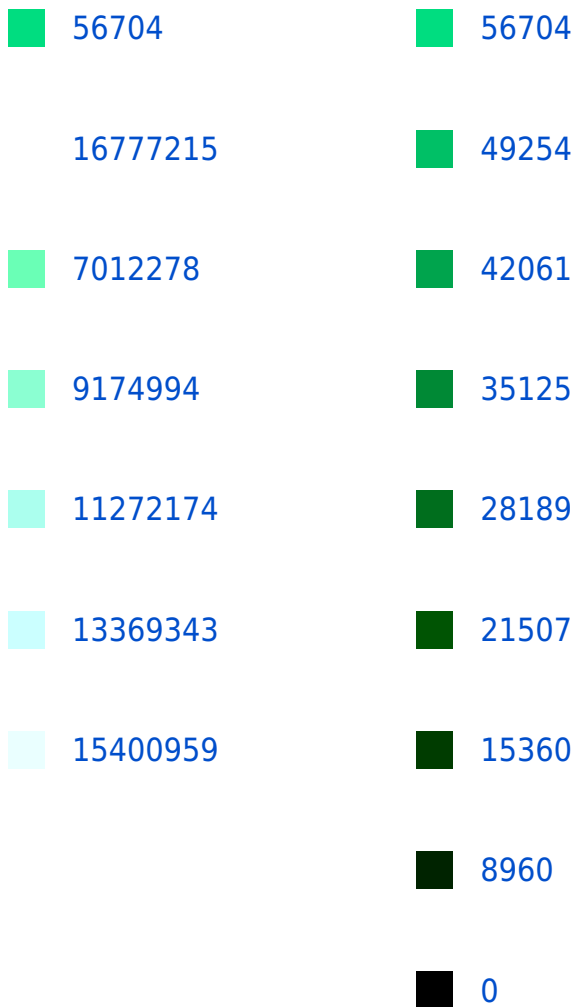


- Cyan (100%)
- Magenta (13%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 56704 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 56704 by changing the saturation by 10% instead.



56704

 1498505

 2940307

 4382108

 5823909

 7331246

 8773048

 10214849

 11656650

 13098452

Harmonies

Analogous

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



9949764



56704



57798

Triad

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



56704



50943



16747386

Complementary

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



56704



14483549

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.



16744380



56704



13413631

Square

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



56704



55551



16748287



16754243

Rectangle

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



56704



57845



16748287



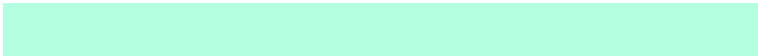
16745615

Sweetspot

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



56704



11796447



6348032



5406828



0



8421504

Same Dimension

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



56704



65428



52957



6516329



44388



11803

Inverse Universe

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



14483549



16711787



14487296



7234407



11337801



3014675

Previews

White Background



This preview shows how the Decimal color 56704 looks on a white background.

Color Contrast Check

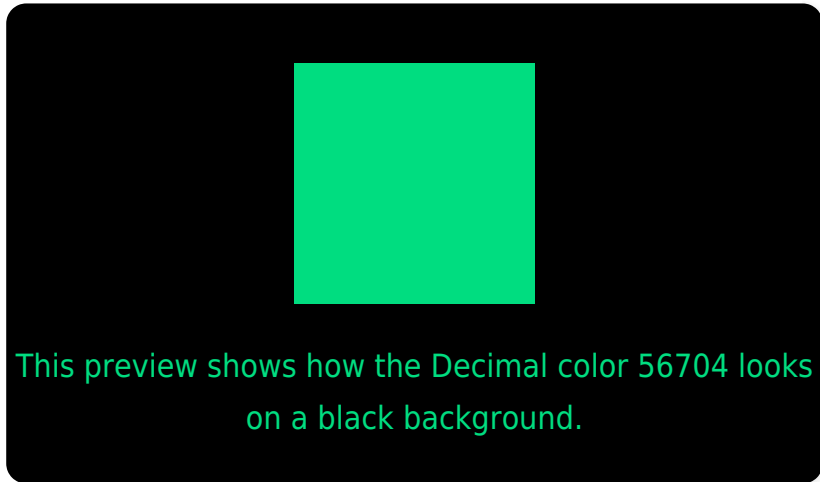
Large Text (above 18pt) WCAG AA × Fail

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 56704 Background



This preview shows how black text looks on a background with the Decimal color 56704.

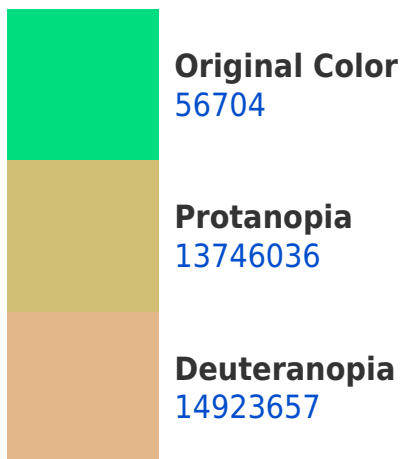


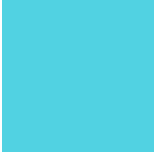
This preview shows how white text looks on a background with the Decimal color 56704.

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
5362402

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 56704 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 #00DD80 looks like.

```
.text, #text, p{  
    color:#00DD80  
}
```

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 #00DD80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00DD80
}
```

Border

The CSS property to change the border of an element to Decimal 56704 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
#00DD80 }
```

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

```
.border{ border-color:#00DD80 }
```

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

Here you see how a box with a 4 pixel #00DD80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00DD80; -webkit-box-shadow:4px 4px  
4px 4px #00DD80; box-shadow:4px 4px 4px  
4px #00DD80 }
```

Background

The CSS property to change the background color of an element to Decimal 56704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00DD80 }
```

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

```
.background{ background-color:#00DD80 }
```

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