

# Converting Colors

Decimal(54651)

Have a look what the booklet for  
Decimal(54651) contains.

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# **Color**

**Decimal(54651)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D57B
RGB	0, 213, 123
RGB Percent	0%, 84%, 48%
CMY	1.0000, 0.1647, 0.5176
CMYK	1.00, 0.00, 0.42, 0.16
HSL	155°, 100%, 42%
HSV	155°, 100%, 84%
XYZ	27.3694, 49.0186, 26.7579
YIQ	139.0530, -98.0580, -73.1460

# Conversions

## Conversions Part 2

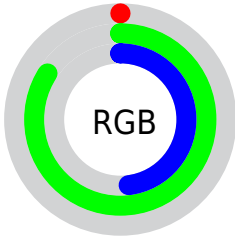
Format	Color
<a href="#">RYB</a>	<a href="#">0, 135, 213</a>
Decimal	<a href="#">54651</a>
CIELab	<a href="#">75.46, -64.06, 32.42</a>
CIELCh	<a href="#">75, 71.797, 153.156</a>
Yxy	<a href="#">49.0186, 0.2653, 0.4752</a>
Android (android.graphics.Color)	<a href="#">4278244731</a> ( <a href="#">0xFF00D57B</a> )
YUV	<a href="#">139.0530, -7.9141, -121.9495</a>
Hunter-Lab	<a href="#">70.0133, -52.7444, 26.3496</a>

# Details

The Decimal color **54651** 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 **13959258**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **6881200**, and **40265** is the 20% darker color. If you saturate the color by 10%, you get **54651**, and if you desaturate by 10%, it is **1430916**.

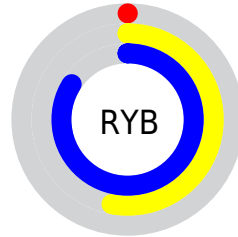
# Distribution



Red (0%)

Green (84%)

Blue (48%)



Red (0%)

Yellow (53%)

Blue (84%)

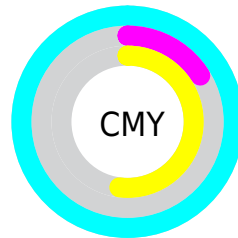


Cyan (100%)

Magenta (0%)

Yellow (42%)

Black (16%)



Cyan (100%)

Magenta (16%)

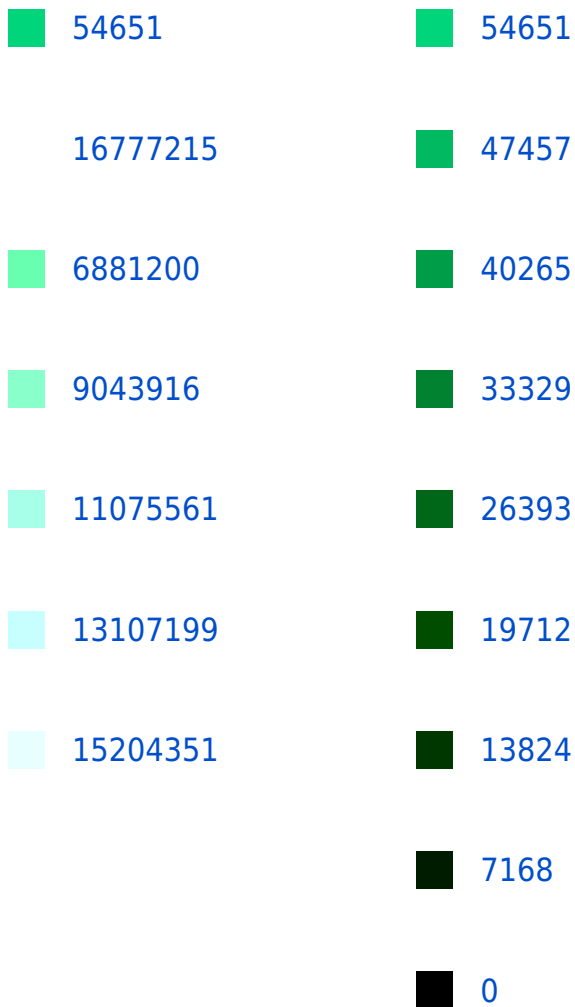
Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 54651 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 54651 by changing the saturation by 10% instead.





 54651

 1430916

 2872717

 4248982

 5625247

 7067048

 8443313

 9819578

 11195843

 12637644

# Harmonies

## Analogous

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



9620289



54651



55743

# Triad

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



54651



49151



16746101

# Complementary

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



54651



13959258

# 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.



16743094



54651



12887551

# Square

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



54651



53503



16746999



16752704

# Rectangle

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



54651



55788



16746999



16744330

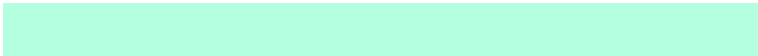


# Sweetspot

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



54651



11796447



6083840



5406828



0



8421504



# Same Dimension

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



54651



65427



51157



6318951



43875



11033



# Inverse Universe

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



13959258



16711788



13962752



7037029



11206728

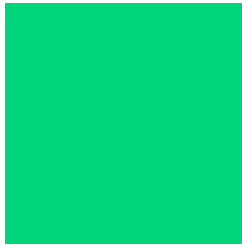


2818066



# Previews

## White Background



This preview shows how the Decimal color 54651 looks on a white background.

## Color Contrast Check

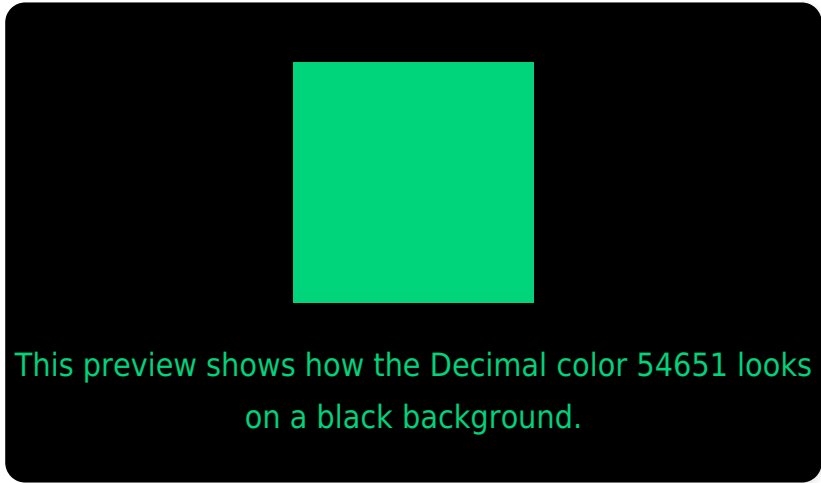
Large Text (above 18pt) WCAG AA × Fail

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 54651 Background



This preview shows how black text looks on a background with the Decimal color 54651.



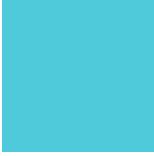
This preview shows how white text looks on a background with the Decimal color 54651.

# 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**  
5163738

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 54651 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 #00D57B looks like.

```
.text, #text, p{  
    color:#00D57B  
}
```

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 #00D57B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D57B
}
```

## Border

The CSS property to change the border of an element to Decimal 54651 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
#00D57B }
```

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

```
.border{ border-color:#00D57B }
```

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

Here you see how a box with a 4 pixel #00D57B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D57B; -webkit-box-shadow:4px 4px  
4px 4px #00D57B; box-shadow:4px 4px 4px  
4px #00D57B }
```

# Background

The CSS property to change the background color of an element to Decimal 54651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D57B }
```

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

```
.background{ background-color:#00D57B }
```

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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