

# Converting Colors

Decimal(6545054)

Have a look what the booklet for  
Decimal(6545054) contains.

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# **Color**

**Decimal(6545054)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63DE9E
RGB	99, 222, 158
RGB Percent	39%, 87%, 62%
CMY	0.6118, 0.1294, 0.3804
CMYK	0.55, 0.00, 0.29, 0.13
HSL	149°, 65%, 63%
HSV	149°, 55%, 87%
XYZ	37.4384, 57.3638, 41.4469
YIQ	177.9270, -52.7640, -45.9800

# Conversions

## Conversions Part 2

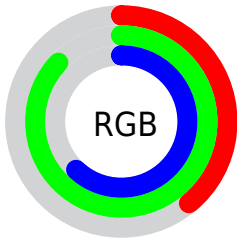
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 182, 222
Decimal	6545054
CIELab	80.38, -48.93, 21.23
CIELCh	80, 53.337, 156.541
Yxy	57.3638, 0.2748, 0.4210
Android (android.graphics.Color)	4284735134 (0xFF63DE9E)
YUV	177.9270, -9.8240, -69.2190
Hunter-Lab	75.7389, -44.3089, 20.5718

# Details

The Decimal color **6545054** is a light color, and the websafe version is hex **33CC99**. A complement of this color would be **14574499**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **10420181**, and **1943146** is the 20% darker color. If you saturate the color by 10%, you get **5103250**, and if you desaturate by 10%, it is **7986858**.

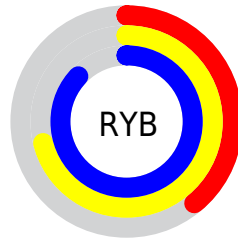
# Distribution



Red (39%)

Green (87%)

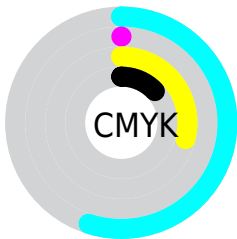
Blue (62%)



Red (39%)

Yellow (71%)

Blue (87%)

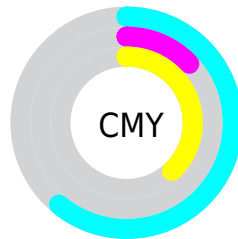


Cyan (55%)

Magenta (0%)

Yellow (29%)

Black (13%)



Cyan (61%)

Magenta (13%)

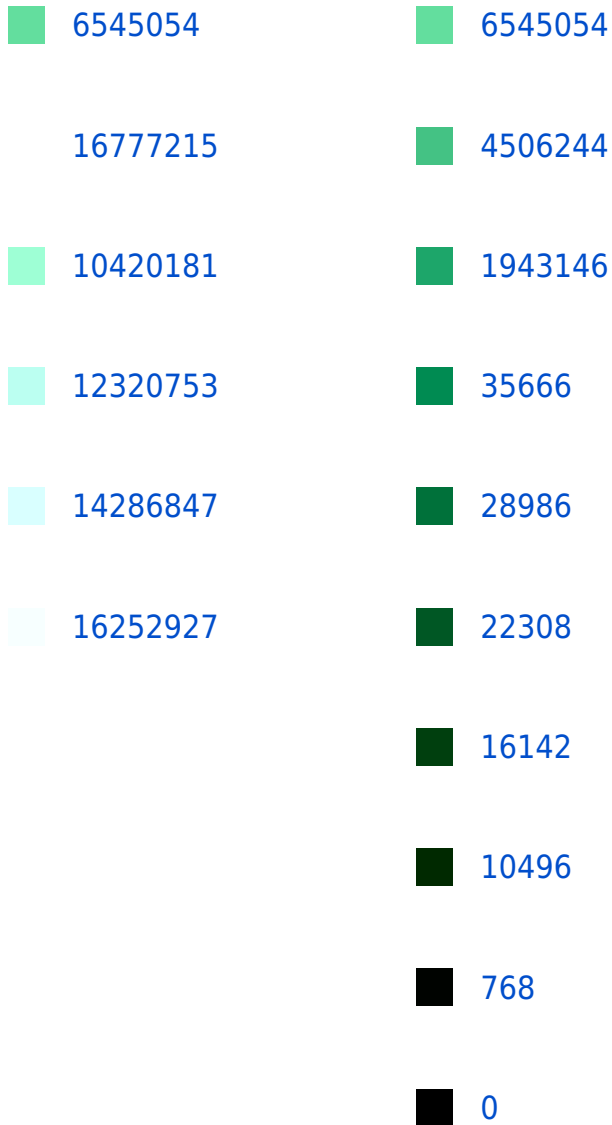
Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6545054 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 6545054 by changing the saturation by 10% instead.





■ 6545054

■ 6545054

■ 5103250

■ 7986858

■ 3661447

■ 9428661

■ 2154107

■ 10936001

■ 712304

■ 12377804

■ 56938

■ 13819608

■ 15261411

■ 16703215

■ 16768762

■ 16768767

# Harmonies

## Analogous

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



10933877



6545054



57809

# Triad

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



6545054



9030143



16754319

# Complementary

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



6545054



14574499

# 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.



16752318



6545054



14333695

# Square

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



6545054



55295



16754160



16758636

# Rectangle

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



6545054



57586



16754160



16753310

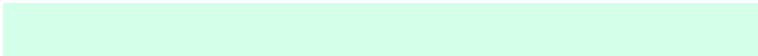


# Sweetspot

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



6545054



13959144



10870371



6717554



0



8421504



# Same Dimension

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



6545054



5767079



6545114



6647914



45140



12311



# Inverse Universe

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



14574499



16734126



14574439



7365995



11534428

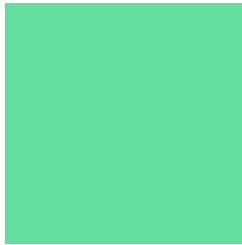


3145753



# Previews

## White Background



This preview shows how the Decimal color 6545054 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 6545054 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

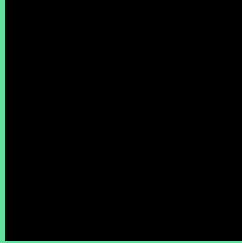
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6545054 Background



This preview shows how black text looks on a background with the Decimal color 6545054.



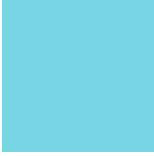
This preview shows how white text looks on a background with the Decimal color 6545054.

# 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**  
7919078

# Trichromacy



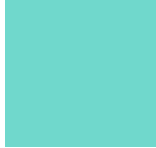
**Original Color**  
6545054



**Protanomaly**  
11259799



**Deuteranomaly**  
11979426



**Tritanomaly**  
7395532

# Monochromacy



**Original Color**  
6545054



**Achromatopsia**  
11711154



**Achromatomaly**  
9814699

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6545054 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 #63DE9E looks like.

```
.text, #text, p{  
    color:#63DE9E  
}
```

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 #63DE9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63DE9E
}
```

## Border

The CSS property to change the border of an element to Decimal 6545054 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
#63DE9E }
```

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

```
.border{ border-color:#63DE9E }
```

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

Here you see how a box with a 4 pixel #63DE9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63DE9E; -webkit-box-shadow:4px 4px  
4px 4px #63DE9E; box-shadow:4px 4px 4px  
4px #63DE9E }
```

# Background

The CSS property to change the background color of an element to Decimal 6545054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63DE9E }
```

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

```
.background{ background-color:#63DE9E }
```

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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