

# Converting Colors

Decimal(6535843)

Have a look what the booklet for  
Decimal(6535843) contains.

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# **Color**

**Decimal(6535843)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63BAA3
RGB	99, 186, 163
RGB Percent	39%, 73%, 64%
CMY	0.6118, 0.2706, 0.3608
CMYK	0.47, 0.00, 0.12, 0.27
HSL	164°, 39%, 56%
HSV	164°, 47%, 73%
XYZ	29.3154, 40.4148, 40.9061
YIQ	157.3650, -44.4690, -25.5970

# Conversions

## Conversions Part 2

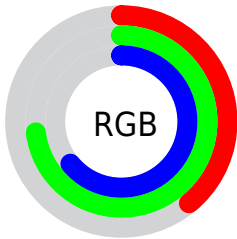
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 149, 186
Decimal	6535843
CIELab	69.76, -31.85, 3.56
CIElCh	70, 32.047, 173.630
Yxy	40.4148, 0.2650, 0.3653
Android (android.graphics.Color)	4284725923 (0xFF63BAA3)
YUV	157.3650, 2.7781, -51.1861
Hunter-Lab	63.5726, -28.9401, 6.3504

# Details

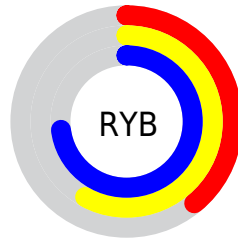
The Decimal color **6535843** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **12215162**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **10220506**, and **2720879** is the 20% darker color. If you saturate the color by 10%, you get **5290654**, and if you desaturate by 10%, it is **7781032**.

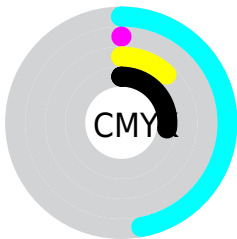
# Distribution



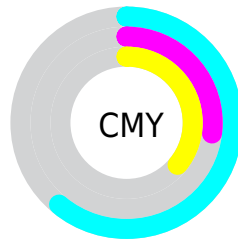
- Red (39%)
- Green (73%)
- Blue (64%)



- Red (39%)
- Yellow (58%)
- Blue (73%)



- Cyan (47%)
- Magenta (0%)
- Yellow (12%)
- Black (27%)



- Cyan (61%)
- Magenta (27%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6535843 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 6535843 by changing the saturation by 10% instead.





6535843



6535843

16777215



4693897



10220506



2720879



12058614



27479



13959167



21056



15859711



14890



9493



0



6535843



6535843



5290654



7781032

■ 4111001

■ 8960685

■ 2865812

■ 10205874

■ 1686159

■ 11385527

■ 440970

■ 12630716

■ 47753

■ 13875905

■ 15055557

■ 16300746

■ 16759503

# Harmonies

## Analogous

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



8763015



6535843



4897473

# Triad

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



6535843



10921440



14327165

# Complementary

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



6535843



12215162

# 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.



14980757



6535843



13278157

# Square

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



6535843



8040420



14652850



12887921

# Rectangle

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



6535843



4962514



14652850



14654084



# Sweetspot

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



6535843



13693673



8043107



6716021



16448250



8026746



# Same Dimension

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



6535843



7074510



6530746



5463129



40050



7189



# Inverse Universe

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



12215162



15887246



12220259



6050645



10223657

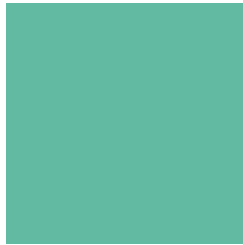


1835015



# Previews

## White Background



This preview shows how the Decimal color 6535843 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 6535843 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

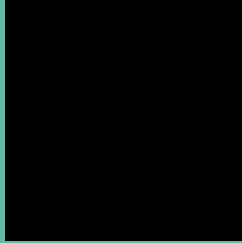
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 6535843 Background



This preview shows how black text looks on a background with the Decimal color 6535843.

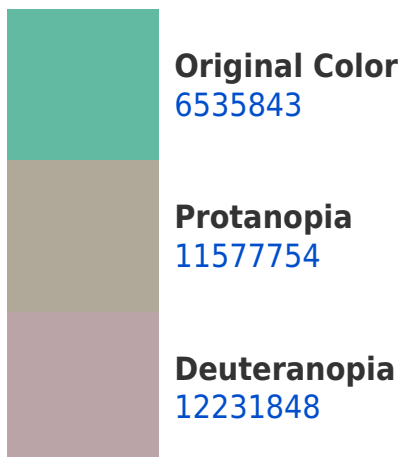


This preview shows how white text looks on a background with the Decimal color 6535843.

# 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**  
7124420

# Trichromacy



**Original Color**  
6535843



**Protanomaly**  
9744285



**Deuteranomaly**  
10136742



**Tritanomaly**  
6928312

# Monochromacy



**Original Color**  
6535843



**Achromatopsia**  
10329501



**Achromatomaly**  
8956063

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6535843 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 #63BAA3 looks like.

```
.text, #text, p{  
    color:#63BAA3  
}
```

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 #63BAA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63BAA3
}
```

## Border

The CSS property to change the border of an element to Decimal 6535843 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
#63BAA3 }
```

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

```
.border{ border-color:#63BAA3 }
```

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

Here you see how a box with a 4 pixel #63BAA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63BAA3; -webkit-box-shadow:4px 4px  
4px 4px #63BAA3; box-shadow:4px 4px 4px  
4px #63BAA3 }
```

# Background

The CSS property to change the background color of an element to Decimal 6535843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63BAA3 }
```

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

```
.background{ background-color:#63BAA3 }
```

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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