

Converting Colors

Decimal(6863249)

Have a look what the booklet for
Decimal(6863249) contains.

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Color

Decimal(6863249)

Conversions

Conversions Part 1

Format	Color
Hex	68B991
RGB	104, 185, 145
RGB Percent	41%, 73%, 57%
CMY	0.5922, 0.2745, 0.4314
CMYK	0.44, 0.00, 0.22, 0.27
HSL	150°, 37%, 57%
HSV	150°, 44%, 73%
XYZ	28.1687, 39.6853, 32.9634
YIQ	156.2210, -35.4360, -29.6120

Conversions

Conversions Part 2

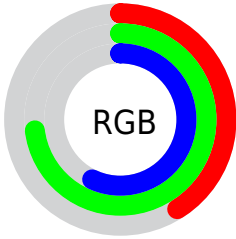
Format	Color
RYB	104, 158, 185
Decimal	6863249
CIELab	69.24, -34.07, 12.68
CIElCh	69, 36.358, 159.588
Yxy	39.6853, 0.2794, 0.3936
Android (android.graphics.Color)	4285053329 (0xFF68B991)
YUV	156.2210, -5.5320, -45.7978
Hunter-Lab	62.9963, -30.4274, 13.0733

Details

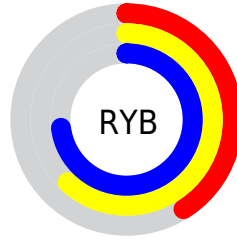
The Decimal color **6863249** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **12150928**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **10482375**, and **3244894** is the 20% darker color. If you saturate the color by 10%, you get **5683592**, and if you desaturate by 10%, it is **8108442**.

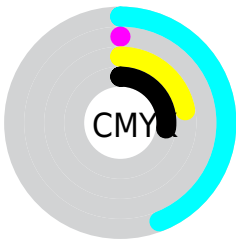
Distribution



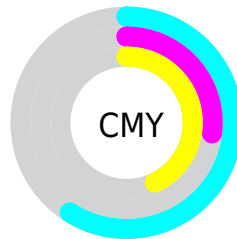
- Red (41%)
- Green (73%)
- Blue (57%)



- Red (41%)
- Yellow (62%)
- Blue (73%)



- Cyan (44%)
- Magenta (0%)
- Yellow (22%)
- Black (27%)



- Cyan (59%)
- Magenta (27%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6863249 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 6863249 by changing the saturation by 10% instead.

 6863249

 6863249

16777215

 5086839

 10482375

 3244894

 12320739

 1075783

 14221311

 20784

 16121855

 14619

 9217

 0

 6863249

 6863249

 5683592

 8108442

4438399

9288099

3258742

10533292

2013548

11712950

833891

12958143

47454

14137800

15382993

16562650

16759267

Harmonies

Analogous

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



9548661



6863249



3980211

Triad

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



6863249



9153002



15046017

Complementary

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



6863249



12150928

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.



15306912



6863249



12295644

Square

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



6863249



5485542



14390209



13803372

Rectangle

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



6863249



2472648



14390209



15241866

Sweetspot

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



6863249



13758688



9550184



6649966



16250871



7895160

Same Dimension

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



6863249



7467185



6863289



5463127



40015



7182

Inverse Universe

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



12150928



15757743



12150888



6050647



10223693



1835022

Previews

White Background



This preview shows how the Decimal color 6863249 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 6863249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

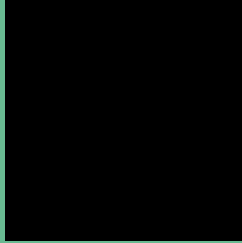
Any Text WCAG AA ✓ Pass

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 6863249 Background



This preview shows how black text looks on a background with the Decimal color 6863249.



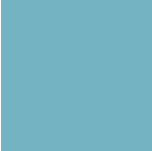
This preview shows how white text looks on a background with the Decimal color 6863249.

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



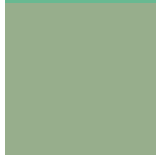


Tritanopia
7648193

Trichromacy



Original Color
6863249



Protanomaly
9940620



Deuteranomaly
10463892

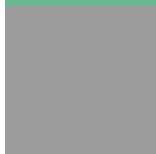


Tritanomaly
7386544

Monochromacy



Original Color
6863249



Achromatopsia
10263708



Achromatomaly
9021336

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6863249 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 #68B991 looks like.

```
.text, #text, p{  
    color:#68B991  
}
```

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 #68B991 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68B991
}
```

Border

The CSS property to change the border of an element to Decimal 6863249 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
#68B991 }
```

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

```
.border{ border-color:#68B991 }
```

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

Here you see how a box with a 4 pixel #68B991 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68B991; -webkit-box-shadow:4px 4px  
4px 4px #68B991; box-shadow:4px 4px 4px  
4px #68B991 }
```

Background

The CSS property to change the background color of an element to Decimal 6863249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68B991 }
```

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

```
.background{ background-color:#68B991 }
```

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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