

# Converting Colors

Decimal(7058307)

Have a look what the booklet for  
Decimal(7058307) contains.

<b>Decimal(7058307)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(7058307)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6BB383
RGB	107, 179, 131
RGB Percent	42%, 70%, 51%
CMY	0.5804, 0.2980, 0.4863
CMYK	0.40, 0.00, 0.27, 0.30
HSL	140°, 32%, 56%
HSV	140°, 40%, 70%
XYZ	26.2802, 37.0047, 27.2302
YIQ	152.0000, -27.5040, -30.1920

# Conversions

## Conversions Part 2

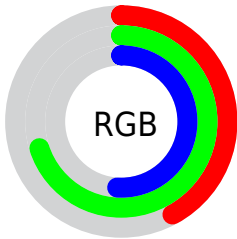
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 161, 179
Decimal	7058307
CIELab	67.28, -33.23, 17.58
CIElCh	67, 37.595, 152.120
Yxy	37.0047, 0.2903, 0.4088
Android (android.graphics.Color)	4285248387 (0xFF6BB383)
YUV	152.0000, -10.3530, -39.4650
Hunter-Lab	60.8315, -29.3400, 16.0418

# Details

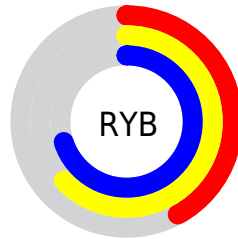
The Decimal color **7058307** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **11758491**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **10611640**, and **3571281** is the 20% darker color. If you saturate the color by 10%, you get **5878647**, and if you desaturate by 10%, it is **8237967**.

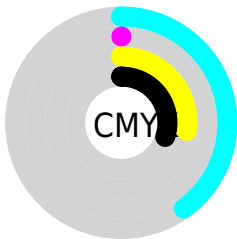
# Distribution



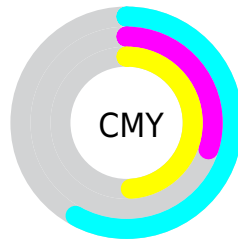
- Red (42%)
- Green (70%)
- Blue (51%)



- Red (42%)
- Yellow (63%)
- Blue (70%)



- Cyan (40%)
- Magenta (0%)
- Yellow (27%)
- Black (30%)



- Cyan (58%)
- Magenta (30%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7058307 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 7058307 by changing the saturation by 10% instead.





7058307



7058307

16777215



5347434



10611640



3571281



12451796



1664058



14352368



19492



16252927



13327



8448



0



7058307



7058307



5878647



8237967

 4698987

 9417627

 3519327

 10597287

 2339667

 11776947

 1225543

 12891071

 45884

 14070731

 15250391

 16430050

 16757742

# Harmonies

## Analogous

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



9743465



7058307



3847845

# Triad

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



7058307



7775975



14978434

# Complementary

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



7058307



11758491

# 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.



14977443



7058307



11246301

# Square

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



7058307



3584223



13668292



13932393

# Rectangle

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



7058307



898748



13668292



15109004



# Sweetspot

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



7058307



13428949



10204011



6649194



16119285



7697781



# Same Dimension

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



7058307



7989406



7058342



5265747



39219



6664



# Inverse Universe

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



11758491



15235523



11758455



5853270



10027110



1703953



# Previews

## White Background



This preview shows how the Decimal color 7058307 looks on a white background.

## Color Contrast Check

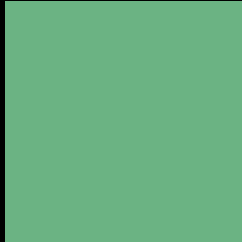
Large Text (above 18pt) WCAG AA × Fail

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 7058307 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

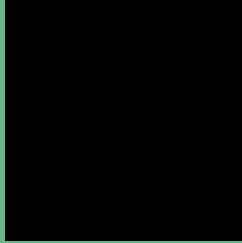
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7058307 Background



This preview shows how black text looks on a background with the Decimal color 7058307.




This preview shows how white text looks on a background with the Decimal color 7058307.

# 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**  
7843002

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7058307 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 #6BB383 looks like.

```
.text, #text, p{  
    color:#6BB383  
}
```

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 #6BB383 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BB383
}
```

## Border

The CSS property to change the border of an element to Decimal 7058307 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
#6BB383 }
```

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

```
.border{ border-color:#6BB383 }
```

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

Here you see how a box with a 4 pixel #6BB383 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BB383; -webkit-box-shadow:4px 4px  
4px 4px #6BB383; box-shadow:4px 4px 4px  
4px #6BB383 }
```

# Background

The CSS property to change the background color of an element to Decimal 7058307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BB383 }
```

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

```
.background{ background-color:#6BB383 }
```

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