

# Converting Colors

Decimal(6985334)

Have a look what the booklet for  
Decimal(6985334) contains.

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# Color

**Decimal(6985334)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6A9676
RGB	106, 150, 118
RGB Percent	42%, 59%, 46%
CMY	0.5843, 0.4118, 0.5373
CMYK	0.29, 0.00, 0.21, 0.41
HSL	136°, 17%, 50%
HSV	136°, 29%, 59%
XYZ	20.1202, 26.1849, 21.1333
YIQ	133.1960, -15.9520, -19.2800

# Conversions

## Conversions Part 2

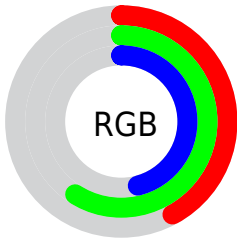
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 141, 150
Decimal	6985334
CIELab	58.21, -21.89, 12.15
CIElCh	58, 25.038, 150.959
Yxy	26.1849, 0.2983, 0.3883
Android (android.graphics.Color)	4285175414 (0xFF6A9676)
YUV	133.1960, -7.4916, -23.8509
Hunter-Lab	51.1712, -19.3643, 11.3335

# Details

The Decimal color **6985334** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9857674**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **10407082**, and **3760966** is the 20% darker color. If you saturate the color by 10%, you get **6002283**, and if you desaturate by 10%, it is **7968385**.

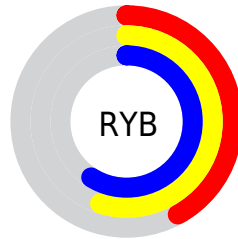
# Distribution



Red (42%)

Green (59%)

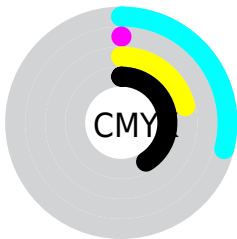
Blue (46%)



Red (42%)

Yellow (55%)

Blue (59%)

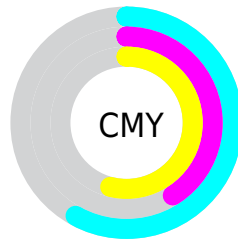


Cyan (29%)

Magenta (0%)

Yellow (21%)

Black (41%)



Cyan (58%)

Magenta (41%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6985334 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 6985334 by changing the saturation by 10% instead.





6985334



6985334

16777215



5340253



10407082



3760966



12249541



2181935



14090210



537626



15925246



7936



0



6985334



6985334



6002283



7968385



5019232



8951436

■ 4036181

■ 9934487

■ 3053130

■ 10917538

■ 2070079

■ 11900589

■ 1087029

■ 12883639

■ 103978

■ 13866690

■ 38441

■ 14849741

■ 15832792

# Harmonies

## Analogous

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



8622438



6985334



5478540

# Triad

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



6985334



7442103



12025206

# Complementary

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



6985334



9857674

# 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.



11959436



6985334



9471665

# Square

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



6985334



5477554



11108258



11371366

# Rectangle

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



6985334



4757659



11108258



12090493



# Sweetspot

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



6985334



11584181



9082474



5661017



14737632



6381921



# Same Dimension

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



6985334



8307344



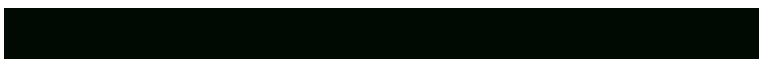
6985356



4409925



35366



2563



# Inverse Universe

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



9857674



12746415



9857652



4866888



9044068



655367



# Previews

## White Background



This preview shows how the Decimal color 6985334 looks on a white background.

## Color Contrast Check

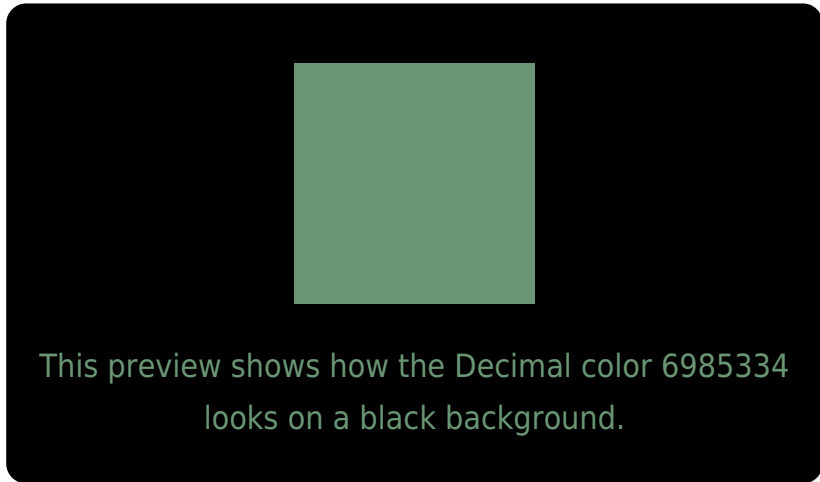
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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



## Decimal 6985334 Background



This preview shows how black text looks on a background with the Decimal color 6985334.

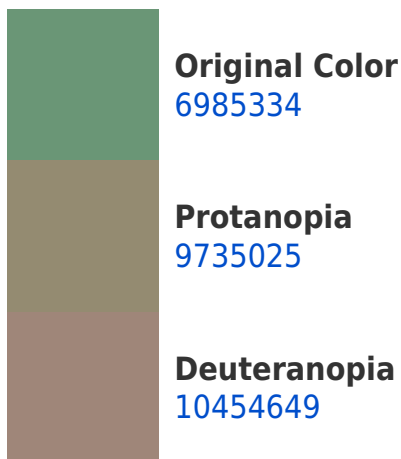


This preview shows how white text looks on a background with the Decimal color 6985334.

# 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





# Trichromacy



**Original Color**  
6985334

**Protanomaly**  
8753011

**Deuteranomaly**  
9211000

**Tritanomaly**  
7246734

# Monochromacy



**Original Color**  
6985334

**Achromatopsia**  
8750469

**Achromatomaly**  
8096640

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6985334 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 #6A9676 looks like.

```
.text, #text, p{  
    color:#6A9676  
}
```

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 #6A9676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A9676
}
```

## Border

The CSS property to change the border of an element to Decimal 6985334 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
#6A9676 }
```

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

```
.border{ border-color:#6A9676 }
```

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

Here you see how a box with a 4 pixel #6A9676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A9676; -webkit-box-shadow:4px 4px  
4px 4px #6A9676; box-shadow:4px 4px 4px  
4px #6A9676 }
```

# Background

The CSS property to change the background color of an element to Decimal 6985334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A9676 }
```

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

```
.background{ background-color:#6A9676 }
```

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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