

# Converting Colors

Decimal(6533263)

Have a look what the booklet for  
Decimal(6533263) contains.

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# **Color**

**Decimal(6533263)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63B08F
RGB	99, 176, 143
RGB Percent	39%, 69%, 56%
CMY	0.6118, 0.3098, 0.4392
CMYK	0.44, 0.00, 0.19, 0.31
HSL	154°, 33%, 54%
HSV	154°, 44%, 69%
XYZ	25.6288, 35.6865, 31.5240
YIQ	149.2150, -35.2990, -26.5870

# Conversions

## Conversions Part 2

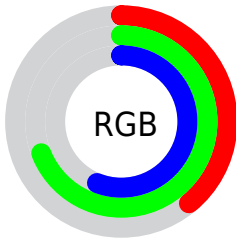
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 148, 176
Decimal	6533263
CIELab	66.28, -31.63, 9.55
CIELCh	66, 33.042, 163.196
Yxy	35.6865, 0.2761, 0.3844
Android (android.graphics.Color)	4284723343 (0xFF63B08F)
YUV	149.2150, -3.0640, -44.0386
Hunter-Lab	59.7382, -27.9618, 10.5292

# Details

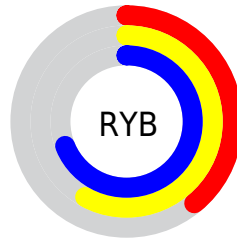
The Decimal color **6533263** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **11559812**, and the grayscale version is **9803157**.

A 20% lighter version of the original color is **10086597**, and **2980701** is the 20% darker color. If you saturate the color by 10%, you get **5353607**, and if you desaturate by 10%, it is **7712919**.

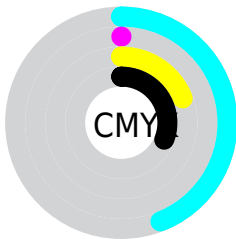
# Distribution



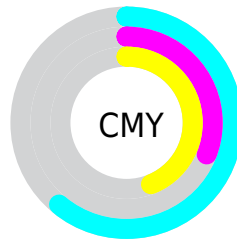
- Red (39%)
- Green (69%)
- Blue (56%)



- Red (39%)
- Yellow (58%)
- Blue (69%)



- Cyan (44%)
- Magenta (0%)
- Yellow (19%)
- Black (31%)



- Cyan (61%)
- Magenta (31%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6533263 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 6533263 by changing the saturation by 10% instead.





6533263



6533263

16777215



4756853



10086597



2980701



11927521



614981



13828093



18735



15728639



12826



7680



0



6533263



6533263



5353607



7712919

■ 4239488

■ 8827038

■ 3059832

■ 10006694

■ 1945713

■ 11120813

■ 766057

■ 12300469

■ 45157

■ 13480124

■ 14594244

■ 15773899

■ 16756947

# Harmonies

## Analogous

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



8891253



6533263



4239790

# Triad

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



6533263



9281755



14061690

# Complementary

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



6533263



11559812

# 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.



14453653



6533263



11900365

# Square

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



6533263



6138329



13733299



12884585

# Rectangle

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



6533263



3518657



13733299



14323330



# Sweetspot

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



6533263



13166297



8695907



6321003



15921906



7566195



# Same Dimension

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



6533263



7136945



6532016



5265749



39255



6671



# Inverse Universe

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



11559812



15101088



11561059



5853268



10027074



1703947



# Previews

## White Background



This preview shows how the Decimal color 6533263 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 6533263 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 6533263 Background



This preview shows how black text looks on a background with the Decimal color 6533263.



This preview shows how white text looks on a background with the Decimal color 6533263.

# 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





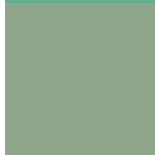
**Tritanopia**  
7187128

# Trichromacy



**Original Color**

6533263



**Protanomaly**

9479818



**Deuteranomaly**

9937810



**Tritanomaly**

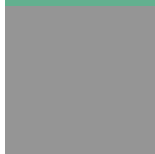
6925481

# Monochromacy



**Original Color**

6533263



**Achromatopsia**

9803157



**Achromatomaly**

8626067

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6533263 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 #63B08F looks like.

```
.text, #text, p{  
    color:#63B08F  
}
```

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 #63B08F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63B08F
}
```

## Border

The CSS property to change the border of an element to Decimal 6533263 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
#63B08F }
```

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

```
.border{ border-color:#63B08F }
```

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

Here you see how a box with a 4 pixel #63B08F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63B08F; -webkit-box-shadow:4px 4px  
4px 4px #63B08F; box-shadow:4px 4px 4px  
4px #63B08F }
```

# Background

The CSS property to change the background color of an element to Decimal 6533263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63B08F }
```

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

```
.background{ background-color:#63B08F }
```

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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