

# Converting Colors

Decimal(6599808)

Have a look what the booklet for  
Decimal(6599808) contains.

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# Color

**Decimal(6599808)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64B480
RGB	100, 180, 128
RGB Percent	39%, 71%, 50%
CMY	0.6078, 0.2941, 0.4980
CMYK	0.44, 0.00, 0.29, 0.29
HSL	141°, 35%, 55%
HSV	141°, 44%, 71%
XYZ	25.4731, 36.9104, 26.2039
YIQ	150.1520, -30.9880, -33.1320

# Conversions

## Conversions Part 2

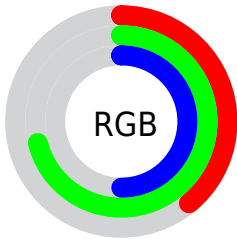
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">100, 159, 180</a>
Decimal	<a href="#">6599808</a>
CIELab	<a href="#">67.21, -36.30, 19.06</a>
CIELCh	<a href="#">67, 40.996, 152.292</a>
Yxy	<a href="#">36.9104, 0.2875, 0.4167</a>
Android (android.graphics.Color)	<a href="#">4284789888 (0xFF64B480)</a>
YUV	<a href="#">150.1520, -10.9209, -43.9833</a>
Hunter-Lab	<a href="#">60.7539, -31.4773, 16.9552</a>

# Details

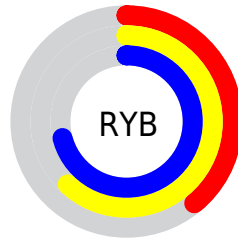
The Decimal color **6599808** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **11822232**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **10218677**, and **2981710** is the 20% darker color. If you saturate the color by 10%, you get **5420148**, and if you desaturate by 10%, it is **7779468**.

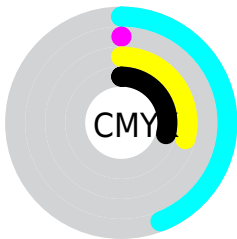
# Distribution



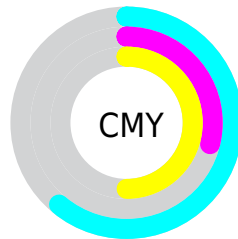
- Red (39%)
- Green (71%)
- Blue (50%)



- Red (39%)
- Yellow (62%)
- Blue (71%)



- Cyan (44%)
- Magenta (0%)
- Yellow (29%)
- Black (29%)



- Cyan (61%)
- Magenta (29%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6599808 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 6599808 by changing the saturation by 10% instead.





6599808



6599808

16777215



4823399



10218677



2981710



12058577



681271



13893613



19489



15794175



13580



8448



0



6599808



6599808



5420148



7779468

■ 4240489

■ 8959127

■ 3060829

■ 10138787

■ 1881169

■ 11318447

■ 701510

■ 12498107

■ 46143

■ 13677766

■ 14857426

■ 16037086

■ 16757993

# Harmonies

## Analogous

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



9612644



6599808



2209701

# Triad

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



6599808



7317229



15239806

# Complementary

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



6599808



1182232

# 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.



15304354



6599808



11246050

# Square

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



6599808



766180



13929671



14128483

# Rectangle

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



6599808



47038



13929671



15435914



# Sweetspot

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



6599808



13429719



10007652



6518121



16119285



7697781



# Same Dimension

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



6599808



7269274



6599848



5265747



39222



6665



# Inverse Universe

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



11822232



15429311



11822192



5853270



10027107



1703953



# Previews

## White Background



This preview shows how the Decimal color 6599808 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 6599808 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 6599808 Background



This preview shows how black text looks on a background with the Decimal color 6599808.




This preview shows how white text looks on a background with the Decimal color 6599808.

# 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**  
7515322

# Trichromacy



**Original Color**  
6599808



**Protanomaly**  
9742715



**Deuteranomaly**  
10331523



**Tritanomaly**  
7188389

# Monochromacy



**Original Color**  
6599808



**Achromatopsia**  
9868950



**Achromatomaly**  
8692110

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6599808 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 #64B480 looks like.

```
.text, #text, p{  
    color:#64B480  
}
```

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 #64B480 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64B480
}
```

## Border

The CSS property to change the border of an element to Decimal 6599808 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
#64B480 }
```

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

```
.border{ border-color:#64B480 }
```

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

Here you see how a box with a 4 pixel #64B480 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64B480; -webkit-box-shadow:4px 4px  
4px 4px #64B480; box-shadow:4px 4px 4px  
4px #64B480 }
```

# Background

The CSS property to change the background color of an element to Decimal 6599808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64B480 }
```

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

```
.background{ background-color:#64B480 }
```

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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