

# Converting Colors

Decimal(6537133)

Have a look what the booklet for  
Decimal(6537133) contains.

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# Color

**Decimal(6537133)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63BFAD
RGB	99, 191, 173
RGB Percent	39%, 75%, 68%
CMY	0.6118, 0.2510, 0.3216
CMYK	0.48, 0.00, 0.09, 0.25
HSL	168°, 42%, 57%
HSV	168°, 48%, 75%
XYZ	31.3192, 42.9314, 46.1711
YIQ	161.4400, -49.0540, -25.1020

# Conversions

## Conversions Part 2

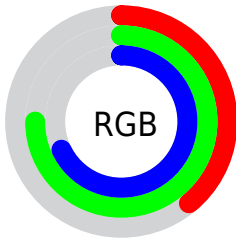
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 150, 191
Decimal	6537133
CIELab	71.51, -31.84, 0.62
CIELCh	72, 31.846, 178.884
Yxy	42.9314, 0.2601, 0.3565
Android (android.graphics.Color)	4284727213 (0xFF63BFAD)
YUV	161.4400, 5.6991, -54.7599
Hunter-Lab	65.5220, -29.3414, 4.0859

# Details

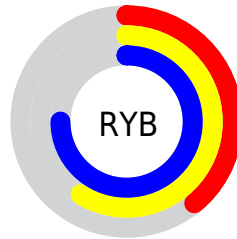
The Decimal color **6537133** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **12542837**, and the grayscale version is **10592673**.

A 20% lighter version of the original color is **10221796**, and **2591097** is the 20% darker color. If you saturate the color by 10%, you get **5291945**, and if you desaturate by 10%, it is **7782321**.

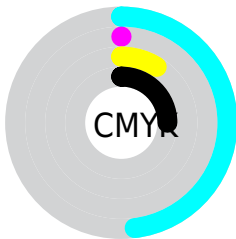
# Distribution



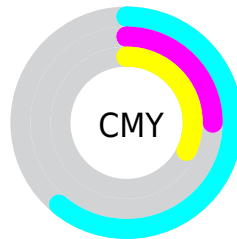
- Red (39%)
- Green (75%)
- Blue (68%)



- Red (39%)
- Yellow (59%)
- Blue (75%)



- Cyan (48%)
- Magenta (0%)
- Yellow (9%)
- Black (25%)



- Cyan (61%)
- Magenta (25%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6537133 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 6537133 by changing the saturation by 10% instead.





6537133



6537133

16777215



4629650



10221796



2591097



12124159



28512



14024703



22088



15925247



15922



10269



2820



0



6537133



6537133

■ 5291945

■ 7782321

■ 4046758

■ 9027508

■ 2801570

■ 10272696

■ 1556382

■ 11517884

■ 245658

■ 12828608

■ 49050

■ 14073795

■ 15318983

■ 16564171

■ 16760783

# Harmonies

## Analogous

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



8699024



6537133



5226186

# Triad

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



6537133



11708642



14459774

# Complementary

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



6537133



12542837

# 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.



15244181



6537133



13869006

# Square

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



6537133



8893161



15112625



12889461

# Rectangle

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



6537133



5618906



15112625



14786693



# Sweetspot

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



6537133



14022641



7716707



6847865



16579836



8224125



# Same Dimension

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



6537133



6879195



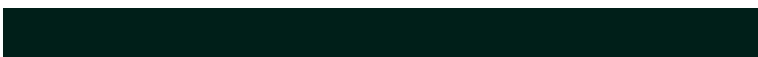
6529983



5594717



40575



7961



# Inverse Universe

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



12542837



16214148



12549987



6182231



10354719

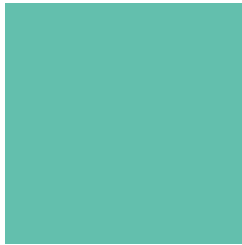


2031622



# Previews

## White Background



This preview shows how the Decimal color 6537133 looks on a white background.

## Color Contrast Check

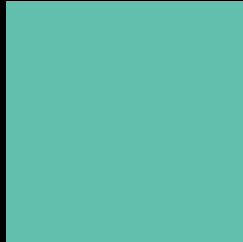
Large Text (above 18pt) WCAG AA × Fail

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 6537133 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 6537133 Background



This preview shows how black text looks on a background with the Decimal color 6537133.



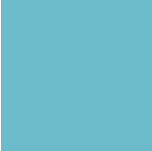
This preview shows how white text looks on a background with the Decimal color 6537133.

# 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**  
7125962

# Trichromacy



**Original Color**  
6537133



**Protanomaly**  
9942183



**Deuteranomaly**  
10269104



**Tritanomaly**  
6929599

# Monochromacy



**Original Color**  
6537133



**Achromatopsia**  
10592673



**Achromatomaly**  
9088165

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6537133 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 #63BFAD looks like.

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

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 #63BFAD colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 6537133 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
#63BFAD }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 6537133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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