

# Converting Colors

Decimal(6470849)

Have a look what the booklet for  
Decimal(6470849) contains.

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# **Color**

**Decimal(6470849)**

# Conversions

## Conversions Part 1

Format	Color
Hex	62BCC1
RGB	98, 188, 193
RGB Percent	38%, 74%, 76%
CMY	0.6157, 0.2627, 0.2431
CMYK	0.49, 0.03, 0.00, 0.24
HSL	183°, 43%, 57%
HSV	183°, 49%, 76%
XYZ	32.6459, 42.4134, 56.9181
YIQ	161.6600, -55.2450, -17.5250

# Conversions

## Conversions Part 2

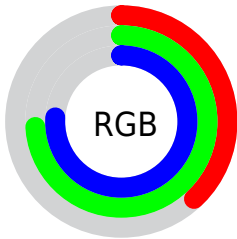
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 144, 193
Decimal	6470849
CIELab	71.15, -25.51, -10.84
CIELCh	71, 27.717, 203.032
Yxy	42.4134, 0.2474, 0.3214
Android (android.graphics.Color)	4284660929 (0xFF62BCC1)
YUV	161.6600, 15.4506, -55.8298
Hunter-Lab	65.1255, -24.4920, -6.2301

# Details

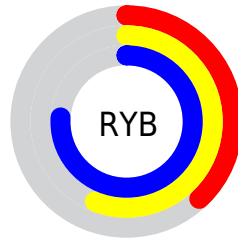
The Decimal color **6470849** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **12674914**, and the grayscale version is **10658466**.

A 20% lighter version of the original color is **10220793**, and **2328204** is the 20% darker color. If you saturate the color by 10%, you get **5225409**, and if you desaturate by 10%, it is **7716289**.

# Distribution



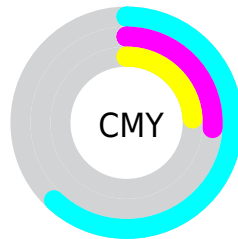
- Red (38%)
- Green (74%)
- Blue (76%)



- Red (38%)
- Yellow (56%)
- Blue (76%)



- Cyan (49%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)



- Cyan (62%)
- Magenta (26%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6470849 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 6470849 by changing the saturation by 10% instead.





6470849



6470849

16777215



4563366



10220793



2328204



12124159



28018



14024703



21594



15990783



15682



9772



2328



0



6470849



6470849

■ 5225409

■ 7716289

■ 3914433

■ 9027265

■ 2668993

■ 10272705

■ 1423553

■ 11518145

■ 178113

■ 12829121

■ 47041

■ 14074561

■ 15320001

■ 16565441

■ 16762305

# Harmonies

## Analogous

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



7584935



6470849



6928854

# Triad

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



6470849



13214157



13020028

# Complementary

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



6470849



12674914

# 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.



14262919



6470849



14458037

# Square

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



6470849



11184860



14785948



11318143

# Rectangle

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



6470849



8107486



14785948



13478014



# Sweetspot

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



6470849



13957370



6472039



6716541



16579836



8224125



# Same Dimension

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



6470849



6746874



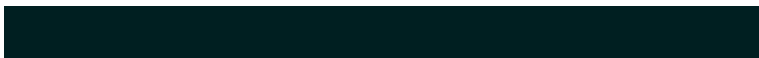
6458817



5726305



39073



7969



# Inverse Universe

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



12673724



16410354



12686946



6379360



10551448

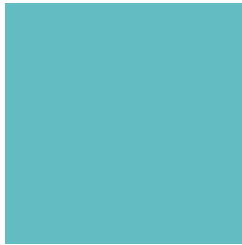


2162719



# Previews

## White Background



This preview shows how the Decimal color 6470849 looks on a white background.

## Color Contrast Check

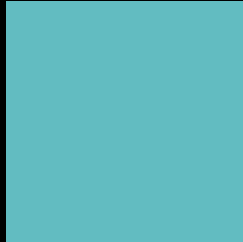
Large Text (above 18pt) WCAG AA × Fail

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 6470849 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 6470849 Background



This preview shows how black text looks on a background with the Decimal color 6470849.



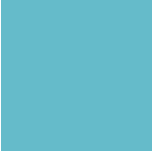
This preview shows how white text looks on a background with the Decimal color 6470849.

# 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**  
6667210

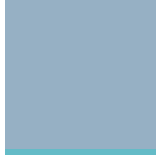
# Trichromacy



**Original Color**  
6470849



**Protanomaly**  
9614011



**Deuteranomaly**  
9875652



**Tritanomaly**  
6601671

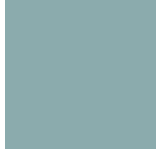
# Monochromacy



**Original Color**  
6470849



**Achromatopsia**  
10658466



**Achromatomaly**  
9153453

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6470849 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 #62BCC1 looks like.

```
.text, #text, p{  
    color:#62BCC1  
}
```

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 #62BCC1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62BCC1
}
```

## Border

The CSS property to change the border of an element to Decimal 6470849 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
#62BCC1 }
```

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

```
.border{ border-color:#62BCC1 }
```

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

Here you see how a box with a 4 pixel #62BCC1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62BCC1; -webkit-box-shadow:4px 4px  
4px 4px #62BCC1; box-shadow:4px 4px 4px  
4px #62BCC1 }
```

# Background

The CSS property to change the background color of an element to Decimal 6470849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62BCC1 }
```

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

```
.background{ background-color:#62BCC1 }
```

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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