

# Converting Colors

Decimal(6539204)

Have a look what the booklet for  
Decimal(6539204) contains.

<b>Decimal(6539204)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(6539204)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63C7C4
RGB	99, 199, 196
RGB Percent	39%, 78%, 77%
CMY	0.6118, 0.2196, 0.2314
CMYK	0.50, 0.00, 0.02, 0.22
HSL	178°, 47%, 58%
HSV	178°, 50%, 78%
XYZ	35.5328, 47.4850, 59.5173
YIQ	168.7580, -58.6370, -22.1330

# Conversions

## Conversions Part 2

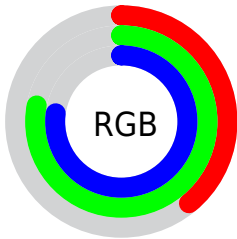
Format	Color
<b>RYB</b>	99, 150, 199
Decimal	6539204
CIELab	74.50, -29.89, -7.49
CIELCh	74, 30.815, 194.077
Yxy	47.4850, 0.2493, 0.3331
Android (android.graphics.Color)	4284729284 (0xFF63C7C4)
YUV	168.7580, 13.4303, -61.1778
Hunter-Lab	68.9094, -28.5487, -2.9724

# Details

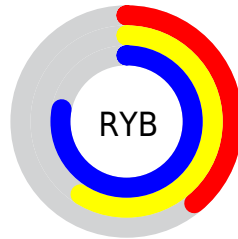
The Decimal color **6539204** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **13067110**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **10354685**, and **2265486** is the 20% darker color. If you saturate the color by 10%, you get **5228483**, and if you desaturate by 10%, it is **7849925**.

# Distribution



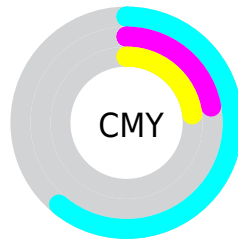
- Red (39%)
- Green (78%)
- Blue (77%)



- Red (39%)
- Yellow (59%)
- Blue (78%)



- Cyan (50%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)



- Cyan (61%)
- Magenta (22%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6539204 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 6539204 by changing the saturation by 10% instead.





6539204



6539204

16777215



4565929



10354685



2265486



12255231



30581



14155775



24156



16121855



17733



11823



6426



0



6539204



6539204

■ 5228483

■ 7849925

■ 3917763

■ 9160645

■ 2607042

■ 10471366

■ 1296322

■ 11782086

■ 51137

■ 13092807

■ 14337992

■ 15648712

■ 16762825

# Harmonies

## Analogous

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



8242855



6539204



6342110

# Triad

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



6539204



13413344



14266497

# Complementary

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



6539204



13067110

# 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.



15443857



6539204



15115464

# Square

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



6539204



10925550



15770283



12499584

# Rectangle

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



6539204



7455209



15770283



14724485



# Sweetspot

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



6539204



14286846



6735715



6914175



0



8421504



# Same Dimension

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



6539204



6750202



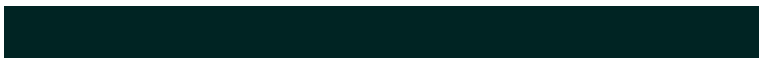
6527175



5923683



41886



9251



# Inverse Universe

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



13067110



16737899



13079139



6511194



10682373

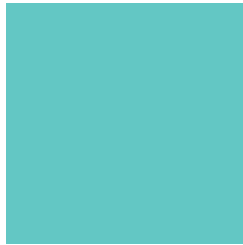


2359297



# Previews

## White Background



This preview shows how the Decimal color 6539204 looks on a white background.

## Color Contrast Check

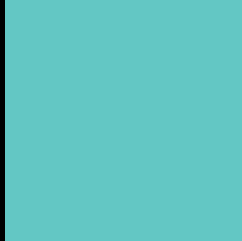
Large Text (above 18pt) WCAG AA × Fail

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 6539204 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

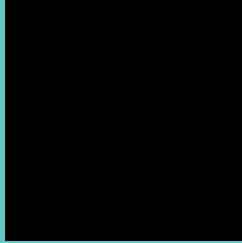
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

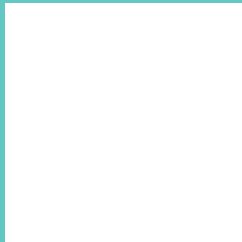
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6539204 Background



This preview shows how black text looks on a background with the Decimal color 6539204.



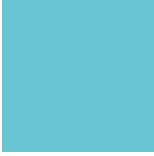
This preview shows how white text looks on a background with the Decimal color 6539204.

# 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**  
6931668

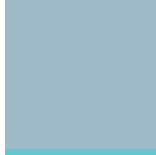
# Trichromacy



**Original Color**  
6539204



**Protanomaly**  
10075325



**Deuteranomaly**  
10402247

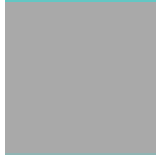


**Tritanomaly**  
6800846

# Monochromacy



**Original Color**  
6539204



**Achromatopsia**  
11119017



**Achromatomaly**  
9483443

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6539204 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 #63C7C4 looks like.

```
.text, #text, p{  
    color:#63C7C4  
}
```

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 #63C7C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63C7C4
}
```

## Border

The CSS property to change the border of an element to Decimal 6539204 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
#63C7C4 }
```

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

```
.border{ border-color:#63C7C4 }
```

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

Here you see how a box with a 4 pixel #63C7C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63C7C4; -webkit-box-shadow:4px 4px  
4px 4px #63C7C4; box-shadow:4px 4px 4px  
4px #63C7C4 }
```

# Background

The CSS property to change the background color of an element to Decimal 6539204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63C7C4 }
```

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

```
.background{ background-color:#63C7C4 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor