

# Converting Colors

Decimal(5420469)

Have a look what the booklet for  
Decimal(5420469) contains.

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**Color**

**Decimal(5420469)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52B5B5
RGB	82, 181, 181
RGB Percent	32%, 71%, 71%
CMY	0.6784, 0.2902, 0.2902
CMYK	0.55, 0.00, 0.00, 0.29
HSL	180°, 40%, 52%
HSV	180°, 55%, 71%
XYZ	28.3440, 38.1778, 49.5912
YIQ	151.3990, -59.0040, -20.9880

# Conversions

## Conversions Part 2

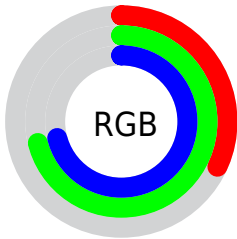
Format	Color
<b>RYB</b>	82, 132, 181
Decimal	5420469
CIELab	68.15, -28.67, -8.79
CIELCh	68, 29.989, 197.044
Yxy	38.1778, 0.2441, 0.3288
Android (android.graphics.Color)	4283610549 (0xFF52B5B5)
YUV	151.3990, 14.5933, -60.8629
Hunter-Lab	61.7882, -26.2461, -4.3345

# Details

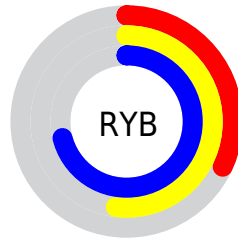
The Decimal color **5420469** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **11883090**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **9235949**, and **32896** is the 20% darker color. If you saturate the color by 10%, you get **4240821**, and if you desaturate by 10%, it is **6600117**.

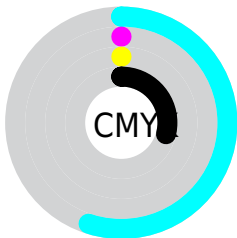
# Distribution



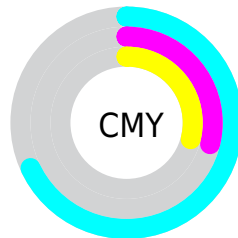
- Red (32%)
- Green (71%)
- Blue (71%)



- Red (32%)
- Yellow (52%)
- Blue (71%)



- Cyan (55%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)



- Cyan (68%)
- Magenta (29%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5420469 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 5420469 by changing the saturation by 10% instead.





5420469



5420469

16777215



3316378



9235949



32896



11141119



26215



13041663



20047



15007743



13880



8739



269



0



5420469



5420469

■ 4240821

■ 6600117

■ 3061173

■ 7779765

■ 1881525

■ 8959413

■ 701877

■ 10139061

■ 46517

■ 11384245

■ 12563893

■ 13743541

■ 14923189

■ 16102837

# Harmonies

## Analogous

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



7058585



5420469



5419725

# Triad

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



5420469



12425931



12886130

# Complementary

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



5420469



11883090

# 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.



14063744



5420469



13931443

# Square

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



5420469



10068954



14455448



11118962

# Rectangle

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



5420469



6664151



14455448



13344117



# Sweetspot

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



5420469



12970987



5420370



6255989



16119285



7697781



# Same Dimension

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



5420469



5303275



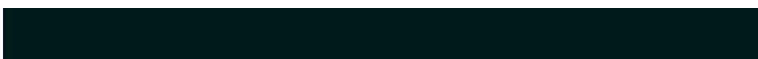
5407925



5265753



39321



6682



# Inverse Universe

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



11883189



15421675



11895890



5853273



10027161

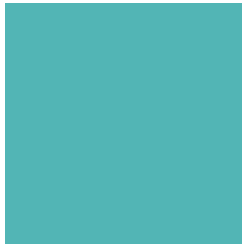


1703962



# Previews

## White Background



This preview shows how the Decimal color 5420469 looks on a white background.

## Color Contrast Check

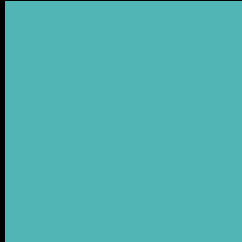
Large Text (above 18pt) WCAG AA × Fail

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 5420469 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

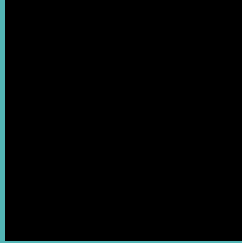
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

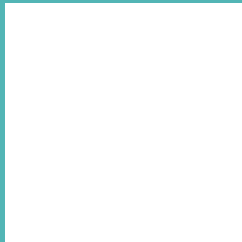
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 5420469 Background



This preview shows how black text looks on a background with the Decimal color 5420469.



This preview shows how white text looks on a background with the Decimal color 5420469.

# Color Blindness Simulation

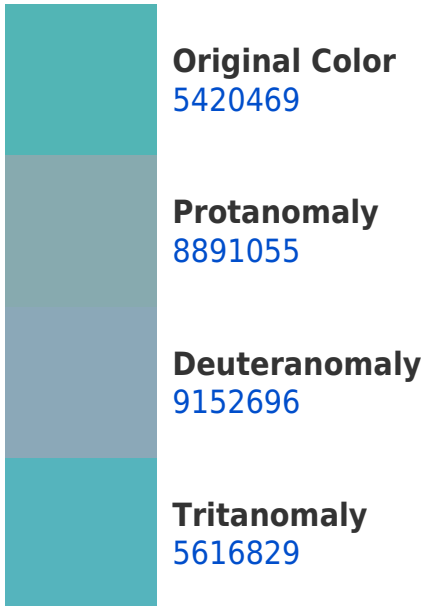
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5420469 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 #52B5B5 looks like.

```
.text, #text, p{  
    color:#52B5B5  
}
```

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 #52B5B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52B5B5
}
```

## Border

The CSS property to change the border of an element to Decimal 5420469 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
#52B5B5 }
```

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

```
.border{ border-color:#52B5B5 }
```

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

Here you see how a box with a 4 pixel #52B5B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52B5B5; -webkit-box-shadow:4px 4px  
4px 4px #52B5B5; box-shadow:4px 4px 4px  
4px #52B5B5 }
```

# Background

The CSS property to change the background color of an element to Decimal 5420469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52B5B5 }
```

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

```
.background{ background-color:#52B5B5 }
```

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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