

# Converting Colors

Decimal(5418681)

Have a look what the booklet for  
Decimal(5418681) contains.

<b>Decimal(5418681)</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(5418681)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52AEB9
RGB	82, 174, 185
RGB Percent	32%, 68%, 73%
CMY	0.6784, 0.3176, 0.2745
CMYK	0.56, 0.06, 0.00, 0.27
HSL	186°, 42%, 52%
HSV	186°, 56%, 73%
XYZ	27.3727, 35.5687, 51.3217
YIQ	147.7460, -58.3630, -16.0830

# Conversions

## Conversions Part 2

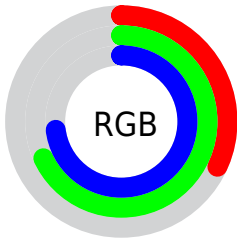
<b>Format</b>	<b>Color</b>
<b>RYB</b>	82, 131, 185
Decimal	5418681
CIELab	66.19, -24.07, -13.94
CIElCh	66, 27.820, 210.078
Yxy	35.5687, 0.2396, 0.3113
Android (android.graphics.Color)	4283608761 (0xFF52AEB9)
YUV	147.7460, 18.3662, -57.6592
Hunter-Lab	59.6395, -22.4432, -9.2733

# Details

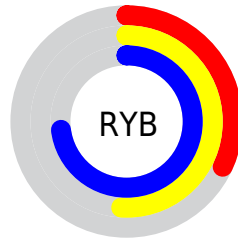
The Decimal color **5418681** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **12148050**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **9234161**, and **96644** is the 20% darker color. If you saturate the color by 10%, you get **4172985**, and if you desaturate by 10%, it is **6664377**.

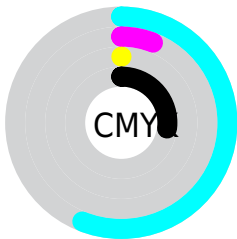
# Distribution



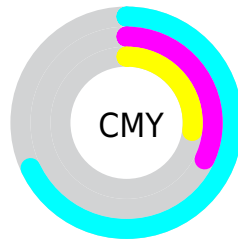
- Red (32%)
- Green (68%)
- Blue (73%)



- Red (32%)
- Yellow (51%)
- Blue (73%)



- Cyan (56%)
- Magenta (6%)
- Yellow (0%)
- Black (27%)



- Cyan (68%)
- Magenta (32%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5418681 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 5418681 by changing the saturation by 10% instead.



■ 5418681

■ 5418681

16777215

■ 3380126

■ 9234161

■ 96644

■ 11141119

■ 24683

■ 13041663

■ 18515

■ 14942207

■ 12603

■ 7718

■ 273

■ 0

■ 5418681

■ 5418681

■ 4172985

■ 6664377

■ 2992825

■ 7844537

■ 1747129

■ 9090233

■ 566969

■ 10270393

■ 42425

■ 11516089

■ 12696249

■ 13941945

■ 15122105

■ 16367801

# Harmonies

## Analogous

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



6336416



5418681



6269643

# Triad

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



5418681



12686010



11771759

# Complementary

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



5418681



12148050

# 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.



13080438



5418681



13733538

# Square

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



5418681



10853068



13799561



10004341

# Rectangle

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



5418681



7710418



13799561



12229744



# Sweetspot

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



5418681



13102064



5421404



6321528



16250871



7895160



# Same Dimension

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



5418681



5234672



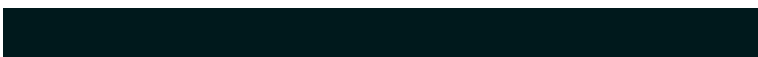
5405625



5462876



35740



6428



# Inverse Universe

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



12145326



15749087



12161106



6050651



10223755

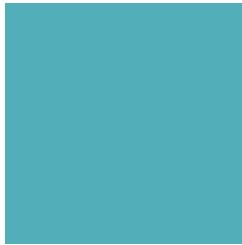


1835033



# Previews

## White Background



This preview shows how the Decimal color 5418681 looks on a white background.

## Color Contrast Check

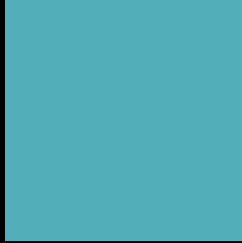
Large Text (above 18pt) WCAG AA × Fail

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 5418681 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

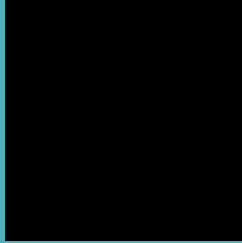
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 5418681 Background



This preview shows how black text looks on a background with the Decimal color 5418681.



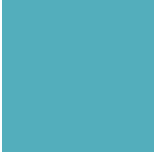
This preview shows how white text looks on a background with the Decimal color 5418681.

# 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**  
5484220

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5418681 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 #52AEB9 looks like.

```
.text, #text, p{  
  color:#52AEB9  
}
```

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 #52AEB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52AEB9
}
```

## Border

The CSS property to change the border of an element to Decimal 5418681 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
#52AEB9 }
```

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

```
.border{ border-color:#52AEB9 }
```

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

Here you see how a box with a 4 pixel #52AEB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52AEB9; -webkit-box-shadow:4px 4px  
4px 4px #52AEB9; box-shadow:4px 4px 4px  
4px #52AEB9 }
```

# Background

The CSS property to change the background color of an element to Decimal 5418681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52AEB9 }
```

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

```
.background{ background-color:#52AEB9 }
```

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