

# Converting Colors

Decimal(5020809)

Have a look what the booklet for  
Decimal(5020809) contains.

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# Color

**Decimal(5020809)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C9C89
RGB	76, 156, 137
RGB Percent	30%, 61%, 54%
CMY	0.7020, 0.3882, 0.4627
CMYK	0.51, 0.00, 0.12, 0.39
HSL	166°, 34%, 45%
HSV	166°, 51%, 61%
XYZ	19.3843, 27.1196, 27.8799
YIQ	129.9140, -41.5810, -22.8690

# Conversions

## Conversions Part 2

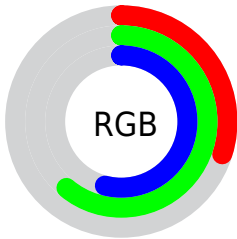
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 121, 156
Decimal	5020809
CIELab	59.08, -29.33, 2.46
CIElCh	59, 29.433, 175.214
Yxy	27.1196, 0.2606, 0.3646
Android (android.graphics.Color)	4283210889 (0xFF4C9C89)
YUV	129.9140, 3.4934, -47.2826
Hunter-Lab	52.0765, -24.6911, 4.7118

# Details

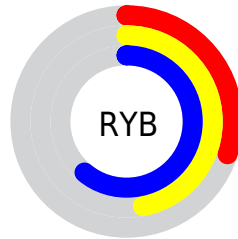
The Decimal color **5020809** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10243167**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **8639422**, and **813143** is the 20% darker color. If you saturate the color by 10%, you get **3972229**, and if you desaturate by 10%, it is **6069389**.

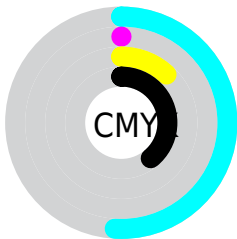
# Distribution



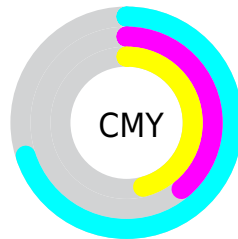
- Red (30%)
- Green (61%)
- Blue (54%)



- Red (30%)
- Yellow (47%)
- Blue (61%)



- Cyan (51%)
- Magenta (0%)
- Yellow (12%)
- Black (39%)



- Cyan (70%)
- Magenta (39%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5020809 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 5020809 by changing the saturation by 10% instead.





5020809



5020809

16777215



3179120



8639422



813143



10416090



20544



12255223



14378



14155775



8982



16056319



0



5020809



5020809



3972229



6069389



2989186



7052432

■ 1940606

■ 8101012

■ 957562

■ 9084056

■ 40055

■ 10132636

■ 11181215

■ 12164259

■ 13212839

■ 14195882

# Harmonies

## Analogous

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



7051632



5020809



3447971

# Triad

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



5020809



9210301



12026469

# Complementary

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



5020809



10243167

# 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.



12680313



5020809



11239596

# Square

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



5020809



6591169



12417939



10783579

# Rectangle

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



5020809



3578546



12417939



12353643



# Sweetspot

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



5020809



11390149



6331468



5531234



15132390



6710886



# Same Dimension

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



5020809



5164206



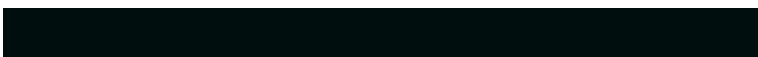
5015708



4673357



36717



3852



# Inverse Universe

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



10243167



13389420



10248268



5195593



9371682

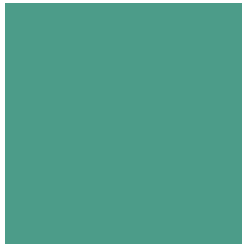


983044



# Previews

## White Background



This preview shows how the Decimal color 5020809 looks on a white background.

## Color Contrast Check

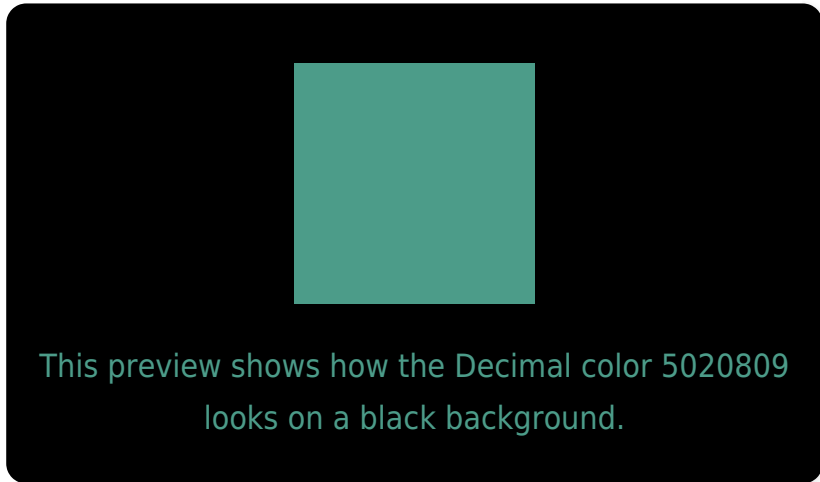
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

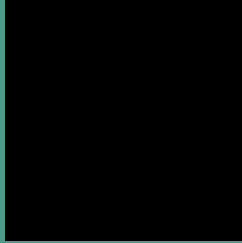
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5020809 Background



This preview shows how black text looks on a background with the Decimal color 5020809.

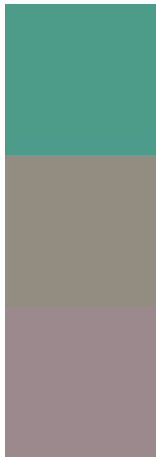


This preview shows how white text looks on a background with the Decimal color 5020809.

# 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



**Original Color**  
5020809

**Protanopia**  
9670017

**Deuteranopia**  
10193293



# Trichromacy



**Original Color**  
5020809



**Protanomaly**  
7967364



**Deuteranomaly**  
8294540



**Tritanomaly**  
5413274

# Monochromacy



**Original Color**  
5020809



**Achromatopsia**  
8553090



**Achromatomaly**  
7244677

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5020809 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 #4C9C89 looks like.

```
.text, #text, p{  
  color:#4C9C89  
}
```

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 #4C9C89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C9C89
}
```

## Border

The CSS property to change the border of an element to Decimal 5020809 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
#4C9C89 }
```

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

```
.border{ border-color:#4C9C89 }
```

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

Here you see how a box with a 4 pixel #4C9C89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C9C89; -webkit-box-shadow:4px 4px  
4px 4px #4C9C89; box-shadow:4px 4px 4px  
4px #4C9C89 }
```

# Background

The CSS property to change the background color of an element to Decimal 5020809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C9C89 }
```

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

```
.background{ background-color:#4C9C89 }
```

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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