

Converting Colors

Decimal(6009801)

Have a look what the booklet for
Decimal(6009801) contains.

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Color

Decimal(6009801)

Conversions

Conversions Part 1

Format	Color
Hex	5BB3C9
RGB	91, 179, 201
RGB Percent	36%, 70%, 79%
CMY	0.6431, 0.2980, 0.2118
CMYK	0.55, 0.11, 0.00, 0.21
HSL	192°, 50%, 57%
HSV	192°, 55%, 79%
XYZ	30.9771, 38.6814, 61.0919
YIQ	155.1960, -59.5100, -11.8140

Conversions

Conversions Part 2

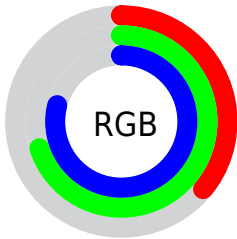
Format	Color
R _Y B	91, 140, 201
Decimal	6009801
CIE Lab	68.52, -20.22, -19.23
CIE LCh	69, 27.907, 223.566
Yxy	38.6814, 0.2369, 0.2958
Android (android.graphics.Color)	4284199881 (0xFF5BB3C9)
YUV	155.1960, 22.5814, -56.2999
Hunter-Lab	62.1944, -19.9348, -14.7030

Details

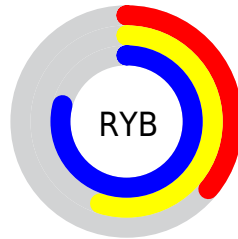
The Decimal color **6009801** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **13201755**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **9825279**, and **1408659** is the 20% darker color. If you saturate the color by 10%, you get **4698057**, and if you desaturate by 10%, it is **7321545**.

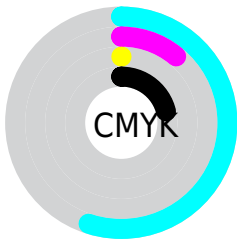
Distribution



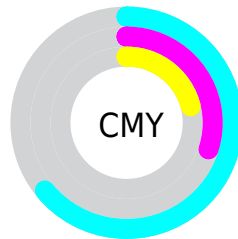
- Red (36%)
- Green (70%)
- Blue (79%)



- Red (36%)
- Yellow (55%)
- Blue (79%)



- Cyan (55%)
- Magenta (11%)
- Yellow (0%)
- Black (21%)



- Cyan (64%)
- Magenta (30%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6009801 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 6009801 by changing the saturation by 10% instead.



6009801



6009801

16777215



3971246



9825279



1408659



11730943



25977



13631487



19808



15597567



13897



8498



541



0



6009801



6009801

4698057

7321545

3386313

8633289

2074569

9945033

762825

11256777

41417

12634057

13945801

15257545

16569289

16766921

Harmonies

Analogous

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



6141362



6009801



7581399

Triad

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



6009801



13670070



11381110

Complementary

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



6009801



13201755

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.



13017463



6009801



14325148

Square

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



6009801



12164556



14064005



9547906

Rectangle

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



6009801



9152729



14064005



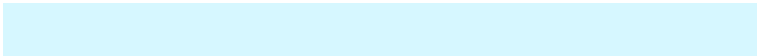
11970165

Sweetspot

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



6009801



14088191



6015345



6781824



0



8421504

Same Dimension

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



6009801



5758463



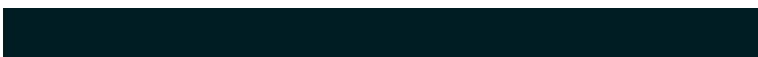
5995721



5923171



33699



7460

Inverse Universe

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



13196211



16734173



13215835



6511201



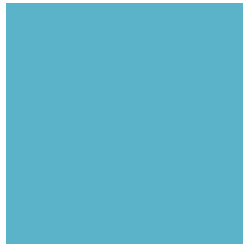
10682499



2359325

Previews

White Background



This preview shows how the Decimal color 6009801 looks on a white background.

Color Contrast Check

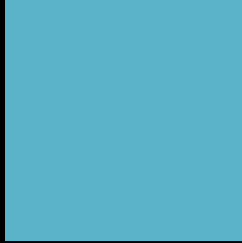
Large Text (above 18pt) WCAG AA × Fail

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 6009801 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 6009801 Background



This preview shows how black text looks on a background with the Decimal color 6009801.



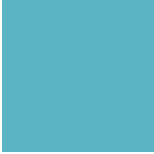
This preview shows how white text looks on a background with the Decimal color 6009801.

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
5878979

Trichromacy



Original Color
6009801



Protanomaly
8956611



Deuteranomaly
9021900



Tritanomaly
5944517

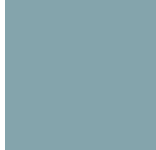
Monochromacy



Original Color
6009801



Achromatopsia
10197915



Achromatomaly
8692908

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6009801 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 #5BB3C9 looks like.

```
.text, #text, p{  
    color:#5BB3C9  
}
```

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 #5BB3C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BB3C9
}
```

Border

The CSS property to change the border of an element to Decimal 6009801 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
#5BB3C9 }
```

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

```
.border{ border-color:#5BB3C9 }
```

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

Here you see how a box with a 4 pixel #5BB3C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BB3C9; -webkit-box-shadow:4px 4px  
4px 4px #5BB3C9; box-shadow:4px 4px 4px  
4px #5BB3C9 }
```

Background

The CSS property to change the background color of an element to Decimal 6009801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BB3C9 }
```

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

```
.background{ background-color:#5BB3C9 }
```

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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