

Converting Colors

Decimal(6019019)

Have a look what the booklet for
Decimal(6019019) contains.

Decimal(6019019)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6019019)

Conversions

Conversions Part 1

Format	Color
Hex	5BD7CB
RGB	91, 215, 203
RGB Percent	36%, 84%, 80%
CMY	0.6431, 0.1569, 0.2039
CMYK	0.58, 0.00, 0.06, 0.16
HSL	174°, 61%, 60%
HSV	174°, 58%, 84%
XYZ	39.3943, 55.1368, 65.0661
YIQ	176.5560, -70.0520, -30.0200

Conversions

Conversions Part 2

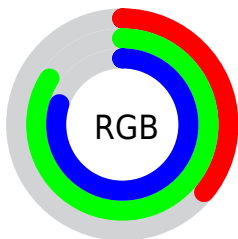
Format	Color
RYB	91, 156, 215
Decimal	6019019
CIELab	79.12, -37.21, -4.46
CIELCh	79, 37.473, 186.834
Yxy	55.1368, 0.2468, 0.3455
Android (android.graphics.Color)	4284209099 (0xFF5BD7CB)
YUV	176.5560, 13.0369, -75.0326
Hunter-Lab	74.2542, -35.2446, 0.0244

Details

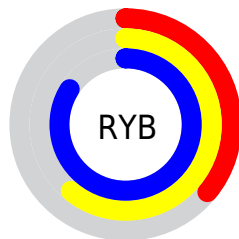
The Decimal color **6019019** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **14113639**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **10027007**, and **41109** is the 20% darker color. If you saturate the color by 10%, you get **4642761**, and if you desaturate by 10%, it is **7460813**.

Distribution



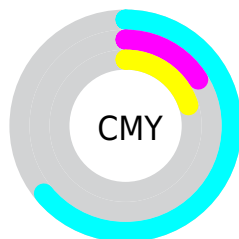
- Red (36%)
- Green (84%)
- Blue (80%)



- Red (36%)
- Yellow (61%)
- Blue (84%)



- Cyan (58%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (64%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6019019 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 6019019 by changing the saturation by 10% instead.

6019019

6019019

16777215

3783600

10027007

41109

11993087

34171

13959167

27490

15925247

21067

14900

9759

7

0

■ 6019019

■ 6019019

■ 4642761

■ 7460813

■ 3200967

■ 8837071

■ 1824709

■ 10278865

■ 382915

■ 11655123

■ 55234

■ 13096917

■ 14473175

■ 15914970

■ 16766940

■ 16766942

Harmonies

Analogous

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



8705447



6019019



4773357

Triad

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



6019019



13875452



15972485

Complementary

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



6019019



14113639

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.



16756380



6019019



16231904

Square

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



6019019



10536447



16755133



13943934

Rectangle

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



6019019



5952253



16755133



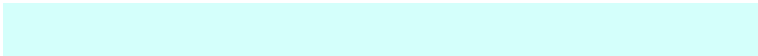
16430475

Sweetspot

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



6019019



13959163



6805339



6717565



0



8421504

Same Dimension

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



6019019



5242862



6006231



6318954



43930



11047

Inverse Universe

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



14113639



16732000



14126427



7037025



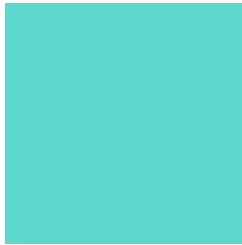
11206673



2818052

Previews

White Background



This preview shows how the Decimal color 6019019 looks on a white background.

Color Contrast Check

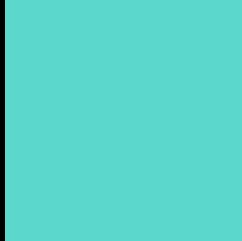
Large Text (above 18pt) WCAG AA × Fail

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 6019019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

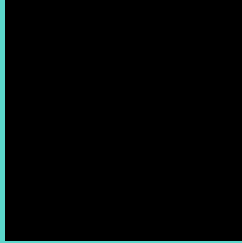
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

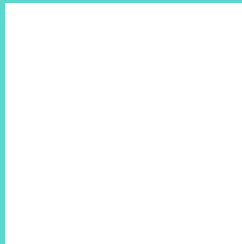
Any Text WCAG AAA ✓ Pass

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

Decimal 6019019 Background



This preview shows how black text looks on a background with the Decimal color 6019019.



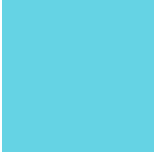
This preview shows how white text looks on a background with the Decimal color 6019019.

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



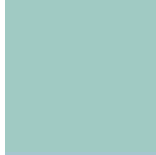


Tritanopia
6673380

Trichromacy



Original Color
6019019



Protanomaly
10537667



Deuteranomaly
10864335

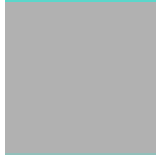


Tritanomaly
6411483

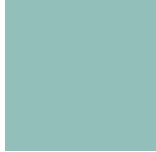
Monochromacy



Original Color
6019019



Achromatopsia
11645361



Achromatomaly
9617338

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6019019 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 #5BD7CB looks like.

```
.text, #text, p{  
    color:#5BD7CB  
}
```

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 #5BD7CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BD7CB  
}
```

Border

The CSS property to change the border of an element to Decimal 6019019 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  
#5BD7CB }
```

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

```
.border{ border-color:#5BD7CB }
```

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

Here you see how a box with a 4 pixel #5BD7CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BD7CB; -webkit-box-shadow:4px 4px  
4px 4px #5BD7CB; box-shadow:4px 4px 4px  
4px #5BD7CB }
```

Background

The CSS property to change the background color of an element to Decimal 6019019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BD7CB }
```

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

```
.background{ background-color:#5BD7CB }
```

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