

Converting Colors

Decimal(6014651)

Have a look what the booklet for
Decimal(6014651) contains.

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Color

Decimal(6014651)

Conversions

Conversions Part 1

Format	Color
Hex	5BC6BB
RGB	91, 198, 187
RGB Percent	36%, 78%, 73%
CMY	0.6431, 0.2235, 0.2667
CMYK	0.54, 0.00, 0.06, 0.22
HSL	174°, 48%, 57%
HSV	174°, 54%, 78%
XYZ	33.4781, 46.2002, 54.1668
YIQ	164.7530, -60.2410, -26.1050

Conversions

Conversions Part 2

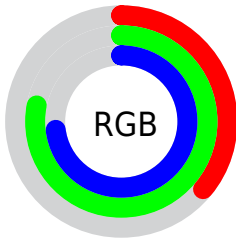
Format	Color
RYB	91, 147, 198
Decimal	6014651
CIELab	73.68, -33.42, -3.86
CIELCh	74, 33.643, 186.589
Yxy	46.2002, 0.2501, 0.3452
Android (android.graphics.Color)	4284204731 (0xFF5BC6BB)
YUV	164.7530, 10.9678, -64.6814
Hunter-Lab	67.9707, -31.0308, 0.3305

Details

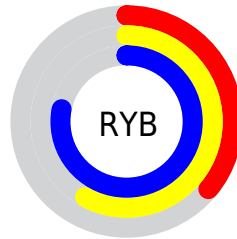
The Decimal color **6014651** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **12999526**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **9830387**, and **1216646** is the 20% darker color. If you saturate the color by 10%, you get **4703929**, and if you desaturate by 10%, it is **7325373**.

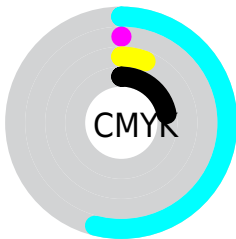
Distribution



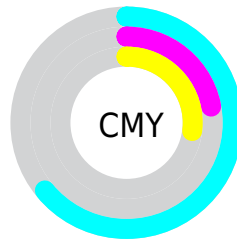
- Red (36%)
- Green (78%)
- Blue (73%)



- Red (36%)
- Yellow (58%)
- Blue (78%)



- Cyan (54%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)



- Cyan (64%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6014651 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 6014651 by changing the saturation by 10% instead.

6014651

6014651

16777215

3975840

9830387

1216646

11796479

30317

13697023

23636

15663103

17469

11560

5651

0

6014651

6014651

4703929

7325373

3393207

8636095

2148021

9881281

837299

11192003

50866

12502725

13813447

15124169

16369355

16762573

Harmonies

Analogous

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



8307868



6014651



5031129

Triad

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



6014651



12757991



14658429

Complementary

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



6014651



12999526

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.



15704722



6014651



14852558

Square

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



6014651



9877234



15834799



12891511

Rectangle

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



6014651



6013416



15834799



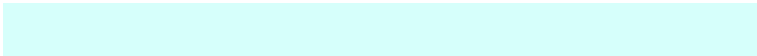
15116163

Sweetspot

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



6014651



14090235



6800987



6783101



0



8421504

Same Dimension

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



6014651



5898222



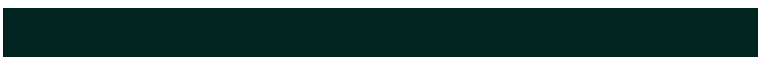
6004166



5923682



41874



9248

Inverse Universe

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



12999526



16734570



13010011



6511195



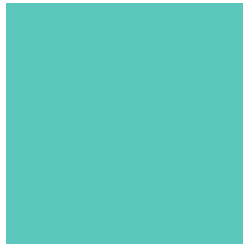
10682385



2359300

Previews

White Background



This preview shows how the Decimal color 6014651 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 6014651 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

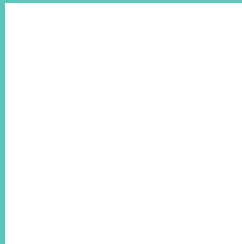
Any Text WCAG AAA ✓ Pass

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

Decimal 6014651 Background



This preview shows how black text looks on a background with the Decimal color 6014651.



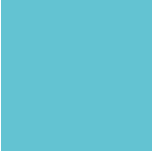
This preview shows how white text looks on a background with the Decimal color 6014651.

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
6538194

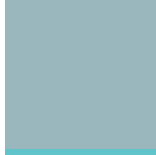
Trichromacy



Original Color
6014651



Protanomaly
9878196



Deuteranomaly
10205118

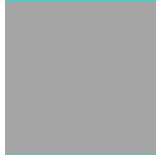


Tritanomaly
6341834

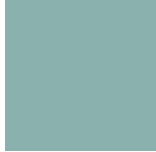
Monochromacy



Original Color
6014651



Achromatopsia
10855845



Achromatomaly
9089453

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6014651 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 #5BC6BB looks like.

```
.text, #text, p{  
    color:#5BC6BB  
}
```

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 #5BC6BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BC6BB
}
```

Border

The CSS property to change the border of an element to Decimal 6014651 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
#5BC6BB }
```

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

```
.border{ border-color:#5BC6BB }
```

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

Here you see how a box with a 4 pixel #5BC6BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BC6BB; -webkit-box-shadow:4px 4px  
4px 4px #5BC6BB; box-shadow:4px 4px 4px  
4px #5BC6BB }
```

Background

The CSS property to change the background color of an element to Decimal 6014651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BC6BB }
```

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

```
.background{ background-color:#5BC6BB }
```

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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