

Converting Colors

Decimal(6010291)

Have a look what the booklet for
Decimal(6010291) contains.

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Color

Decimal(6010291)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5BB5B3 |
| RGB | 91, 181, 179 |
| RGB Percent | 36%, 71%, 70% |
| CMY | 0.6431, 0.2902, 0.2980 |
| CMYK | 0.50, 0.00, 0.01, 0.29 |
| HSL | 179°, 38%, 53% |
| HSV | 179°, 50%, 71% |
| XYZ | 28.9749, 38.5266, 48.5571 |
| YIQ | 153.8620, -52.9980, -19.7020 |

Conversions

Conversions Part 2

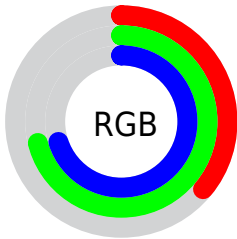
| Format | Color |
|-------------------------------------|--|
| RYB | 91, 137, 181 |
| Decimal | 6010291 |
| CIELab | 68.41, -27.31, -7.27 |
| CIELCh | 68, 28.264, 194.909 |
| Yxy | 38.5266, 0.2497, 0.3320 |
| Android (android.graphics.Color) | 4284200371 (0xFF5BB5B3) |
| YUV | 153.8620, 12.3930, -55.1300 |
| Hunter-Lab | 62.0698, -25.2961, -2.9336 |

Details

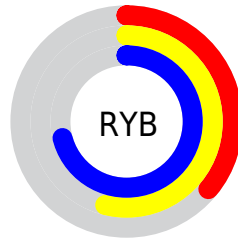
The Decimal color **6010291** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **11885405**, and the grayscale version is **10132122**.

A 20% lighter version of the original color is **9760235**, and **1802366** is the 20% darker color. If you saturate the color by 10%, you get **4830643**, and if you desaturate by 10%, it is **7189939**.

Distribution



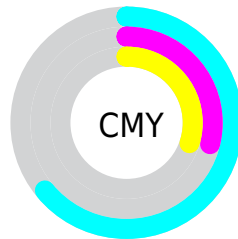
- Red (36%)
- Green (71%)
- Blue (70%)



- Red (36%)
- Yellow (54%)
- Blue (71%)



- Cyan (50%)
- Magenta (0%)
- Yellow (1%)
- Black (29%)



- Cyan (64%)
- Magenta (29%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6010291 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 6010291 by changing the saturation by 10% instead.

6010291

6010291

16777215

4102808

9760235

1802366

11599871

26213

13500415

20045

15466495

14135

8737

11

0

6010291

6010291

■ 4830643

■ 7189939

■ 3650994

■ 8369588

■ 2471346

■ 9549236

■ 1291697

■ 10728885

■ 112049

■ 11974069

■ 46513

■ 13153717

■ 14333366

■ 15513014

■ 16692663

Harmonies

Analogous

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



7517337



6010291



5944266

Triad

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



6010291



12229835



12951926

Complementary

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



6010291



11885405

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.



13998468



6010291



13735349

Square

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



6010291



10069464



14324891



11315573

Rectangle

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



6010291



6926292



14324891



13344377

Sweetspot

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



6010291



13102058



6206811



6321525



16119285



7697781

Same Dimension

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



6010291



6220775



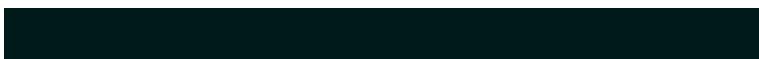
5999541



5265753



39318



6681

Inverse Universe

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



11885405



15425121



11896155



5853265



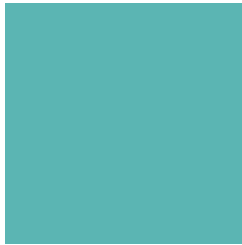
10027011



1703937

Previews

White Background



This preview shows how the Decimal color 6010291 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 6010291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

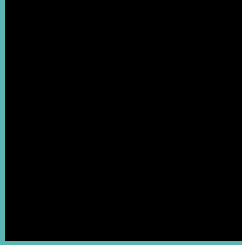
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

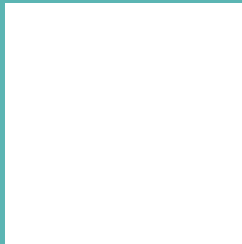
Any Text WCAG AAA ✓ Pass

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

Decimal 6010291 Background



This preview shows how black text looks on a background with the Decimal color 6010291.



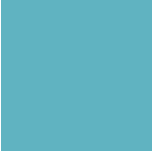
This preview shows how white text looks on a background with the Decimal color 6010291.

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
6337473

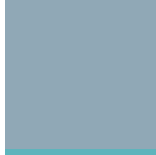
Trichromacy



Original Color
6010291



Protanomaly
9218989



Deuteranomaly
9480374



Tritanomaly
6206652

Monochromacy



Original Color
6010291



Achromatopsia
10132122



Achromatomaly
8627363

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6010291 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 #5BB5B3 looks like.

```
.text, #text, p{  
  color:#5BB5B3  
}
```

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 #5BB5B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BB5B3
}
```

Border

The CSS property to change the border of an element to Decimal 6010291 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
#5BB5B3 }
```

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

```
.border{ border-color:#5BB5B3 }
```

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

Here you see how a box with a 4 pixel #5BB5B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BB5B3; -webkit-box-shadow:4px 4px  
4px 4px #5BB5B3; box-shadow:4px 4px 4px  
4px #5BB5B3 }
```

Background

The CSS property to change the background color of an element to Decimal 6010291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BB5B3 }
```

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

```
.background{ background-color:#5BB5B3 }
```

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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