

Converting Colors

Decimal(6010271)

Have a look what the booklet for
Decimal(6010271) contains.

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Color

Decimal(6010271)

Conversions

Conversions Part 1

Format	Color
Hex	5BB59F
RGB	91, 181, 159
RGB Percent	36%, 71%, 62%
CMY	0.6431, 0.2902, 0.3765
CMYK	0.50, 0.00, 0.12, 0.29
HSL	165°, 38%, 53%
HSV	165°, 50%, 71%
XYZ	27.0963, 37.7751, 38.6641
YIQ	151.5820, -46.5780, -25.9220

Conversions

Conversions Part 2

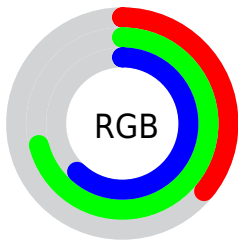
Format	Color
RYB	91, 142, 181
Decimal	6010271
CIELab	67.85, -32.37, 2.95
CIElCh	68, 32.502, 174.793
Yxy	37.7751, 0.2617, 0.3649
Android (android.graphics.Color)	4284200351 (0xFF5BB59F)
YUV	151.5820, 3.6571, -53.1304
Hunter-Lab	61.4614, -28.8629, 5.7249

Details

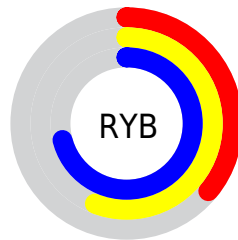
The Decimal color **6010271** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **11885425**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **9694678**, and **1998956** is the 20% darker color. If you saturate the color by 10%, you get **4830619**, and if you desaturate by 10%, it is **7189923**.

Distribution



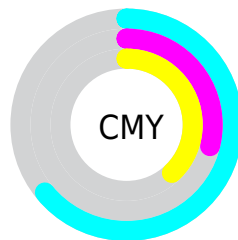
- Red (36%)
- Green (71%)
- Blue (62%)



- Red (36%)
- Yellow (56%)
- Blue (71%)



- Cyan (50%)
- Magenta (0%)
- Yellow (12%)
- Black (29%)



- Cyan (64%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6010271 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 6010271 by changing the saturation by 10% instead.



6010271



6010271

16777215



4168325



9694678



1998956



11534322



26195



13434879



20028



15335423



13863



8722



0



6010271



6010271



4830619



7189923

■ 3650966

■ 8369576

■ 2471314

■ 9549228

■ 1291661

■ 10728881

■ 112009

■ 11974069

■ 46473

■ 13153722

■ 14333374

■ 15513026

■ 16692679

Harmonies

Analogous

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



8303235



6010271



4240829

Triad

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



6010271



10658010



13932662

Complementary

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



6010271



11885425

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.



14651790



6010271



13014727

Square

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



6010271



7711455



14389164



12493419

Rectangle

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



6010271



4371406



14389164



14325117

Sweetspot

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



6010271



13102050



7517531



6321520



16119285



7697781

Same Dimension

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



6010271



6220744



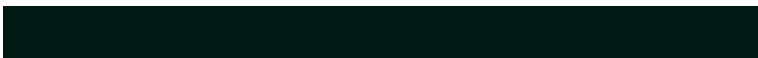
6004661



5265751



39284



6675

Inverse Universe

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



11885425



15425152



11891291



5853267



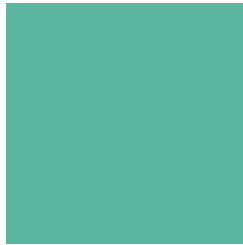
10027045



1703942

Previews

White Background



This preview shows how the Decimal color 6010271 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 6010271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

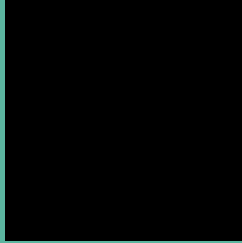
Any Text WCAG AA ✓ Pass

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 6010271 Background



This preview shows how black text looks on a background with the Decimal color 6010271.



This preview shows how white text looks on a background with the Decimal color 6010271.

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



Trichromacy



Original Color
6010271



Protanomaly
9349785



Deuteranomaly
9742242



Tritanomaly
6402739

Monochromacy



Original Color
6010271



Achromatopsia
10000536



Achromatomaly
8561563

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6010271 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 #5BB59F looks like.

```
.text, #text, p{  
    color:#5BB59F  
}
```

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 #5BB59F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BB59F
}
```

Border

The CSS property to change the border of an element to Decimal 6010271 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
#5BB59F }
```

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

```
.border{ border-color:#5BB59F }
```

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

Here you see how a box with a 4 pixel #5BB59F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BB59F; -webkit-box-shadow:4px 4px  
4px 4px #5BB59F; box-shadow:4px 4px 4px  
4px #5BB59F }
```

Background

The CSS property to change the background color of an element to Decimal 6010271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BB59F }
```

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

```
.background{ background-color:#5BB59F }
```

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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