

# Converting Colors

Decimal(6022076)

Have a look what the booklet for  
Decimal(6022076) contains.

<b>Decimal(6022076)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(6022076)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BE3BC
RGB	91, 227, 188
RGB Percent	36%, 89%, 74%
CMY	0.6431, 0.1098, 0.2627
CMYK	0.60, 0.00, 0.17, 0.11
HSL	163°, 71%, 62%
HSV	163°, 60%, 89%
XYZ	40.8606, 60.7932, 57.1576
YIQ	181.8900, -68.5370, -40.9610

# Conversions

## Conversions Part 2

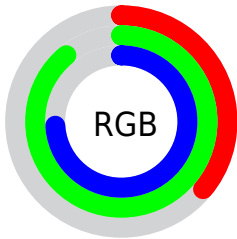
<b>Format</b>	<b>Color</b>
<b>RYB</b>	91, 170, 227
Decimal	6022076
CIELab	82.27, -46.20, 8.09
CIELCh	82, 46.907, 170.069
Yxy	60.7932, 0.2573, 0.3828
Android (android.graphics.Color)	4284212156 (0xFF5BE3BC)
YUV	181.8900, 3.0122, -79.7105
Hunter-Lab	77.9700, -42.9036, 11.1151

# Details

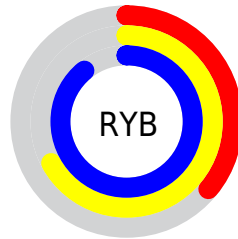
The Decimal color **6022076** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **14900098**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **10026996**, and **43911** is the 20% darker color. If you saturate the color by 10%, you get **4514741**, and if you desaturate by 10%, it is **7529411**.

# Distribution



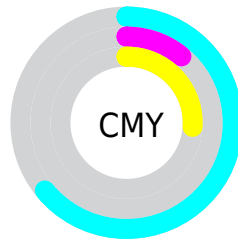
- Red (36%)
- Green (89%)
- Blue (74%)



- Red (36%)
- Yellow (67%)
- Blue (89%)



- Cyan (60%)
- Magenta (0%)
- Yellow (17%)
- Black (11%)



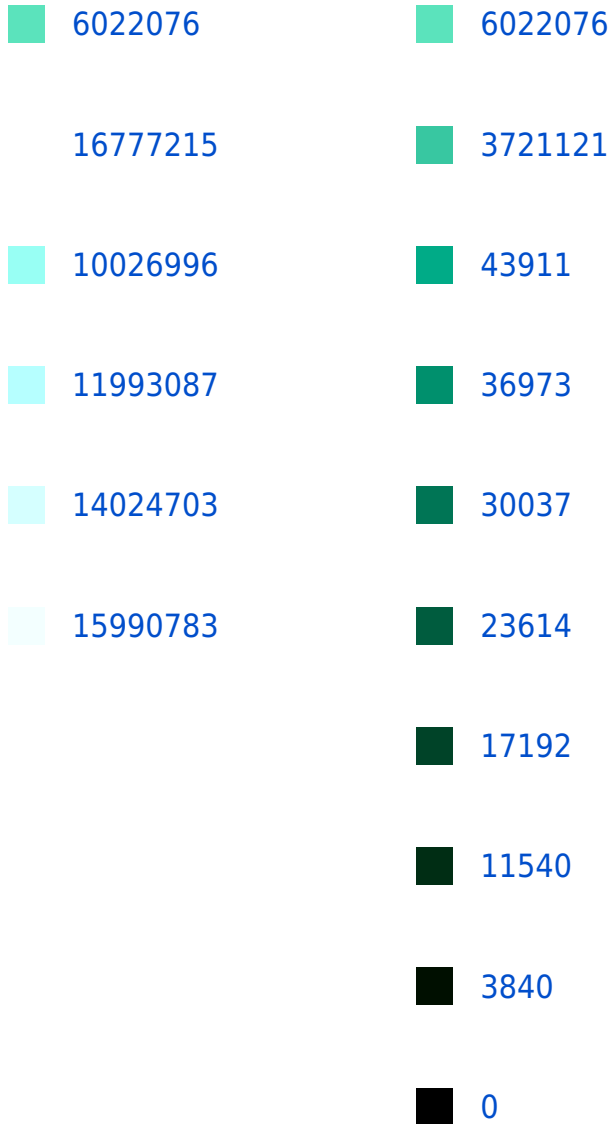
- Cyan (64%)
- Magenta (11%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6022076 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 6022076 by changing the saturation by 10% instead.





6022076

6022076

4514741

7529411

3072943

8971209

1565608

10478544

58274

11985878

13493213

14935011

16442346

16770032

16770039

# Harmonies

## Analogous

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



10083731



6022076



58601

# Triad

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



6022076



12306431



16758411

# Complementary

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



6022076



1490098

# 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.



16755633



6022076



16168703

# Square

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



6022076



7198207



16755677



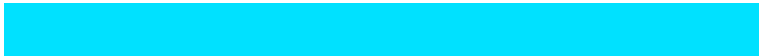
16172405

# Rectangle

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



6022076



57855



16755677



16757142

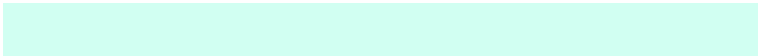


# Sweetspot

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



6022076



13762546



8708955



6520951



0



8421504



# Same Dimension

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



6022076



4718538



6015203



6779759



45951



13092



# Inverse Universe

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



14900098



16729980



14906971



7563115



11730995

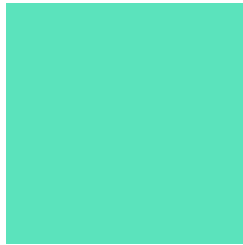


3342351



# Previews

## White Background



This preview shows how the Decimal color 6022076 looks on a white background.

## Color Contrast Check

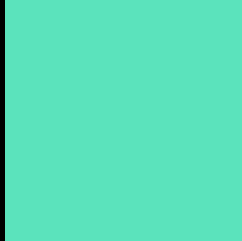
Large Text (above 18pt) WCAG AA × Fail

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 6022076 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

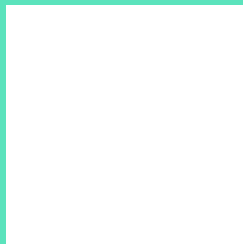
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 6022076 Background



This preview shows how black text looks on a background with the Decimal color 6022076.

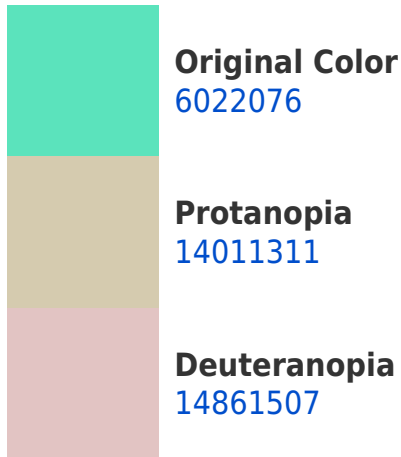


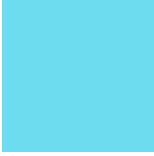
This preview shows how white text looks on a background with the Decimal color 6022076.

# 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



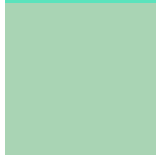


**Tritanopia**  
7199982

# Trichromacy



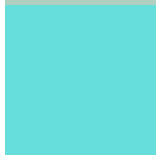
**Original Color**  
6022076



**Protanomaly**  
11130036



**Deuteranomaly**  
11653056



**Tritanomaly**  
6741980

# Monochromacy



**Original Color**  
6022076



**Achromatopsia**  
11974326



**Achromatomaly**  
9815736

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6022076 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 #5BE3BC looks like.

```
.text, #text, p{  
    color:#5BE3BC  
}
```

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 #5BE3BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BE3BC
}
```

## Border

The CSS property to change the border of an element to Decimal 6022076 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
#5BE3BC }
```

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

```
.border{ border-color:#5BE3BC }
```

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

Here you see how a box with a 4 pixel #5BE3BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BE3BC; -webkit-box-shadow:4px 4px  
4px 4px #5BE3BC; box-shadow:4px 4px 4px  
4px #5BE3BC }
```

# Background

The CSS property to change the background color of an element to Decimal 6022076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BE3BC }
```

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

```
.background{ background-color:#5BE3BC }
```

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