

Converting Colors

Decimal(6020296)

Have a look what the booklet for
Decimal(6020296) contains.

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Color

Decimal(6020296)

Conversions

Conversions Part 1

Format	Color
Hex	5BDCC8
RGB	91, 220, 200
RGB Percent	36%, 86%, 78%
CMY	0.6431, 0.1373, 0.2157
CMYK	0.59, 0.00, 0.09, 0.14
HSL	171°, 65%, 61%
HSV	171°, 59%, 86%
XYZ	40.3329, 57.5807, 63.6320
YIQ	179.1490, -70.4640, -33.5680

Conversions

Conversions Part 2

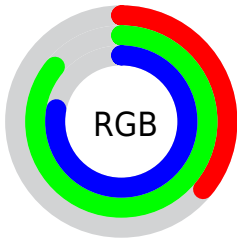
Format	Color
RYB	91, 161, 220
Decimal	6020296
CIELab	80.51, -40.24, -0.82
CIELCh	81, 40.248, 181.174
Yxy	57.5807, 0.2497, 0.3564
Android (android.graphics.Color)	4284210376 (0xFF5BDCC8)
YUV	179.1490, 10.2795, -77.3067
Hunter-Lab	75.8819, -37.9167, 3.3988

Details

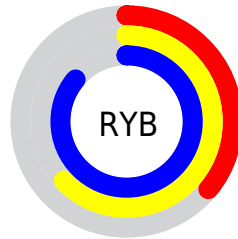
The Decimal color **6020296** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **14441327**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **10027007**, and **42130** is the 20% darker color. If you saturate the color by 10%, you get **4578501**, and if you desaturate by 10%, it is **7462091**.

Distribution



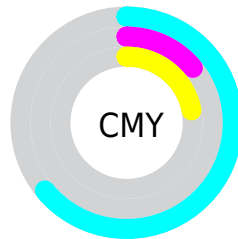
- Red (36%)
- Green (86%)
- Blue (78%)



- Red (36%)
- Yellow (63%)
- Blue (86%)



- Cyan (59%)
- Magenta (0%)
- Yellow (9%)
- Black (14%)

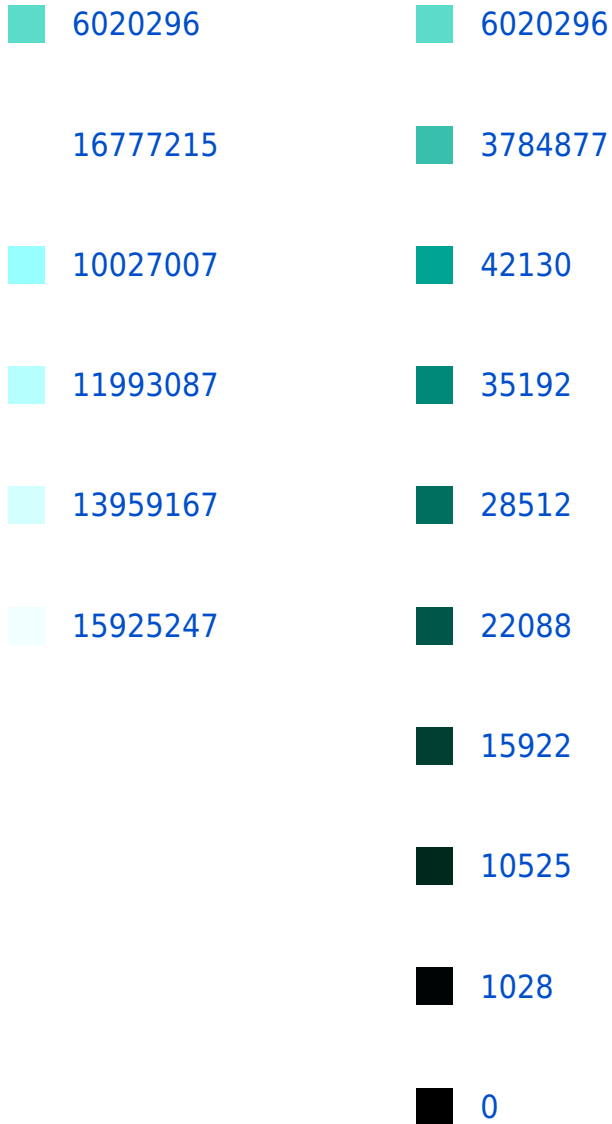


- Cyan (64%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6020296 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 6020296 by changing the saturation by 10% instead.



■ 6020296

■ 6020296

■ 4578501

■ 7462091

■ 3136705

■ 8903887

■ 1694910

■ 10345682

■ 253114

■ 11787478

■ 56506

■ 13229273

■ 14671068

■ 16112864

■ 16768227

■ 16768231

Harmonies

Analogous

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



9165218



6020296



3660781

Triad

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



6020296



13549055



16693639

Complementary

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



6020296



14441327

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.



16756387



6020296



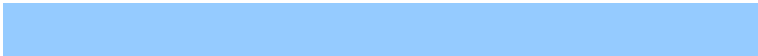
16364013

Square

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



6020296



9817087



16755656



14730876

Rectangle

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



6020296



4577535



16755656



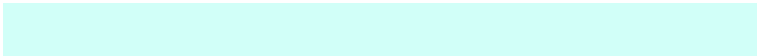
16758159

Sweetspot

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



6020296



13762552



7396443



6520955



0



8421504

Same Dimension

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



6020296



5111779



6009308



6516332



44435



11815

Inverse Universe

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



14441327



16731496



14452315



7234404



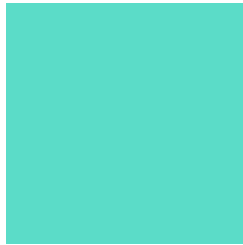
11337755



3014663

Previews

White Background



This preview shows how the Decimal color 6020296 looks on a white background.

Color Contrast Check

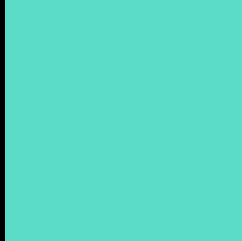
Large Text (above 18pt) WCAG AA × Fail

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 6020296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

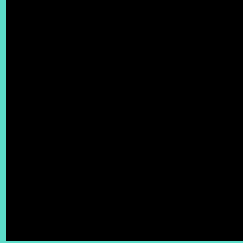
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

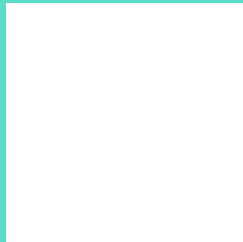
Any Text WCAG AAA ✓ Pass

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

Decimal 6020296 Background



This preview shows how black text looks on a background with the Decimal color 6020296.

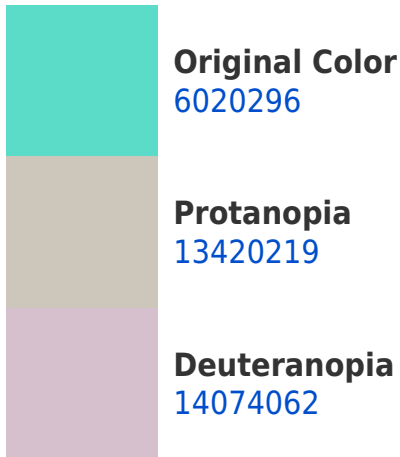


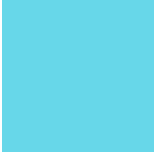
This preview shows how white text looks on a background with the Decimal color 6020296.

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



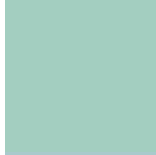


Tritanopia
6805481

Trichromacy



Original Color
6020296



Protanomaly
10735296



Deuteranomaly
11127500

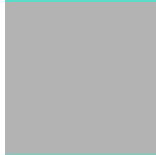


Tritanomaly
6543837

Monochromacy



Original Color
6020296



Achromatopsia
11776947



Achromatomaly
9683643

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6020296 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 #5BDCC8 looks like.

```
.text, #text, p{  
    color:#5BDCC8  
}
```

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 #5BDCC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BDCC8  
}
```

Border

The CSS property to change the border of an element to Decimal 6020296 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  
#5BDCC8 }
```

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

```
.border{ border-color:#5BDCC8 }
```

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

Here you see how a box with a 4 pixel #5BDCC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BDCC8; -webkit-box-shadow:4px 4px  
4px 4px #5BDCC8; box-shadow:4px 4px 4px  
4px #5BDCC8 }
```

Background

The CSS property to change the background color of an element to Decimal 6020296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BDCC8 }
```

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

```
.background{ background-color:#5BDCC8 }
```

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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