

Converting Colors

Decimal(5301936)

Have a look what the booklet for
Decimal(5301936) contains.

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Color

Decimal(5301936)

Conversions

Conversions Part 1

Format	Color
Hex	50E6B0
RGB	80, 230, 176
RGB Percent	31%, 90%, 69%
CMY	0.6863, 0.0980, 0.3098
CMYK	0.65, 0.00, 0.23, 0.10
HSL	158°, 75%, 61%
HSV	158°, 65%, 90%
XYZ	39.4416, 61.4337, 50.8534
YIQ	178.9940, -72.0660, -48.5940

Conversions

Conversions Part 2

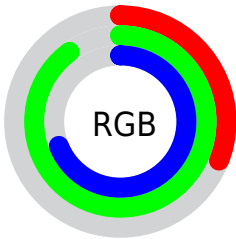
Format	Color
RYB	80, 171, 230
Decimal	5301936
CIELab	82.61, -52.11, 14.85
CIElCh	83, 54.180, 164.096
Yxy	61.4337, 0.2599, 0.4049
Android (android.graphics.Color)	4283492016 (0xFF50E6B0)
YUV	178.9940, -1.4760, -86.8177
Hunter-Lab	78.3796, -47.3411, 16.3979

Details

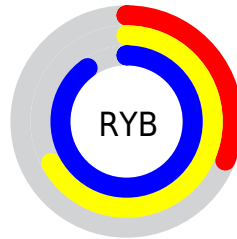
The Decimal color **5301936** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **15093894**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **9502696**, and **44411** is the 20% darker color. If you saturate the color by 10%, you get **3794600**, and if you desaturate by 10%, it is **6809272**.

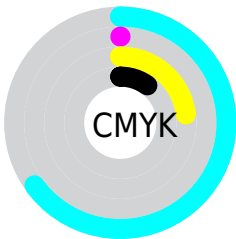
Distribution



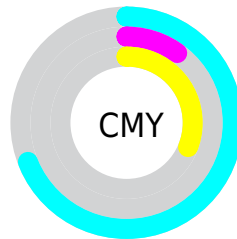
- Red (31%)
- Green (90%)
- Blue (69%)



- Red (31%)
- Yellow (67%)
- Blue (90%)



- Cyan (65%)
- Magenta (0%)
- Yellow (23%)
- Black (10%)



- Cyan (69%)
- Magenta (10%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5301936 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 5301936 by changing the saturation by 10% instead.

5301936

5301936

16777215

2673045

9502696

44411

11468799

37474

13500415

30794

15466495

24116

17694

11783

4352

0

■ 5301936

■ 5301936

■ 3794600

■ 6809272

■ 2287263

■ 8316609

■ 779927

■ 9823945

■ 59027

■ 11331281

■ 12838617

■ 14345954

■ 15853290

■ 16770802

■ 16770811

Harmonies

Analogous

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



10280834



5301936



59621

Triad

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



5301936



10931199



16756617

Complementary

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



5301936



15093894

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.



16753847



5301936



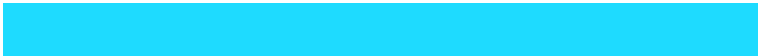
15841279

Square

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



5301936



2022399



16754667



16761195

Rectangle

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



5301936



59135



16754667



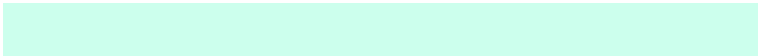
16755351

Sweetspot

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



5301936



13434861



8906320



6389876



0



8421504

Same Dimension

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



5301936



3735479



5296870



6779759



45938



13089

Inverse Universe

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



15093894



16726144



15098960



7563115



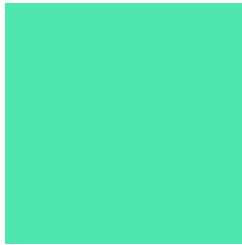
11731008



3342354

Previews

White Background



This preview shows how the Decimal color 5301936 looks on a white background.

Color Contrast Check

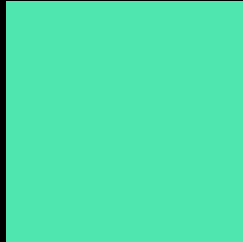
Large Text (above 18pt) WCAG AA × Fail

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 5301936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

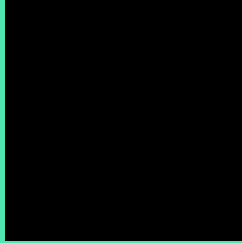
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

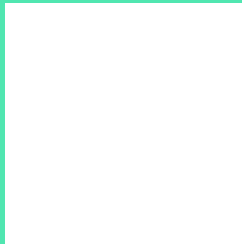
Any Text WCAG AAA ✓ Pass

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

Decimal 5301936 Background



This preview shows how black text looks on a background with the Decimal color 5301936.

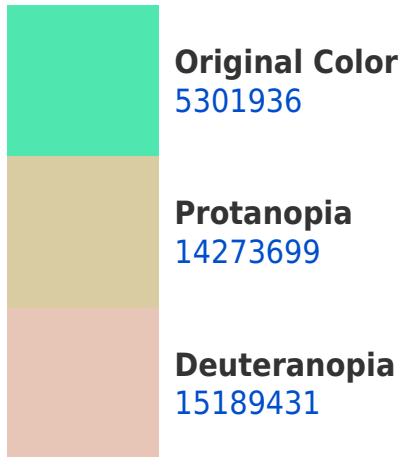


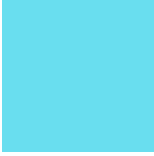
This preview shows how white text looks on a background with the Decimal color 5301936.

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
6938351

Trichromacy



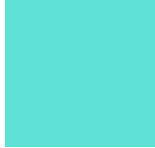
Original Color
5301936



Protanomaly
10999208



Deuteranomaly
11588020

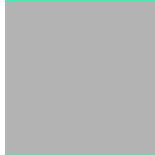


Tritanomaly
6349272

Monochromacy



Original Color
5301936



Achromatopsia
11776947



Achromatomaly
9422514

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5301936 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 #50E6B0 looks like.

```
.text, #text, p{  
    color:#50E6B0  
}
```

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 #50E6B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50E6B0
}
```

Border

The CSS property to change the border of an element to Decimal 5301936 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
#50E6B0 }
```

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

```
.border{ border-color:#50E6B0 }
```

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

Here you see how a box with a 4 pixel #50E6B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50E6B0; -webkit-box-shadow:4px 4px  
4px 4px #50E6B0; box-shadow:4px 4px 4px  
4px #50E6B0 }
```

Background

The CSS property to change the background color of an element to Decimal 5301936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50E6B0 }
```

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

```
.background{ background-color:#50E6B0 }
```

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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