

Converting Colors

Decimal(5300991)

Have a look what the booklet for
Decimal(5300991) contains.

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Color

Decimal(5300991)

Conversions

Conversions Part 1

Format	Color
Hex	50E2FF
RGB	80, 226, 255
RGB Percent	31%, 89%, 100%
CMY	0.6863, 0.1137, 0.0000
CMYK	0.69, 0.11, 0.00, 0.00
HSL	190°, 100%, 66%
HSV	190°, 69%, 100%
XYZ	48.5546, 63.3182, 104.2703
YIQ	185.6520, -96.3250, -21.9330

Conversions

Conversions Part 2

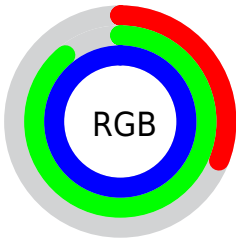
Format	Color
RYB	80, 160, 255
Decimal	5300991
CIELab	83.61, -29.65, -25.39
CIElCh	84, 39.039, 220.578
Yxy	63.3182, 0.2246, 0.2929
Android (android.graphics.Color)	4283491071 (0xFF50E2FF)
YUV	185.6520, 34.1886, -92.6568
Hunter-Lab	79.5727, -30.3330, -21.9914

Details

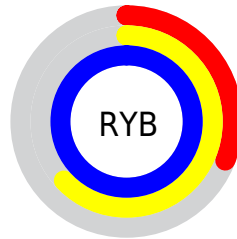
The Decimal color **5300991** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **16739664**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **9830399**, and **43718** is the 20% darker color. If you saturate the color by 10%, you get **3661567**, and if you desaturate by 10%, it is **7005951**.

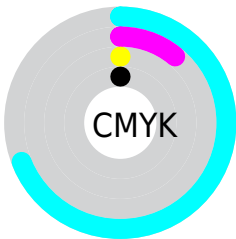
Distribution



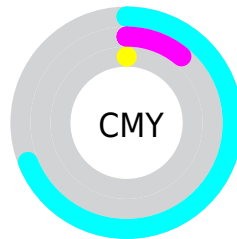
- Red (31%)
- Green (89%)
- Blue (100%)



- Red (31%)
- Yellow (63%)
- Blue (100%)



- Cyan (69%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5300991 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 5300991 by changing the saturation by 10% instead.

5300991

5300991

16777215

2082530

9830399

43718

11862015

37035

13959167

30352

15990783

23927

17502

11846

5936

282

■ 5300991

■ 5300991

■ 3661567

■ 7005951

■ 1956607

■ 8645375

■ 316927

■ 10350591

■ 54783

■ 11990015

■ 13694975

■ 15334399

16777215

Harmonies

Analogous

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



6219229



5300991



7986175

Triad

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



5300991



16759018



14537351

Complementary

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



5300991



16739664

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.



16696972



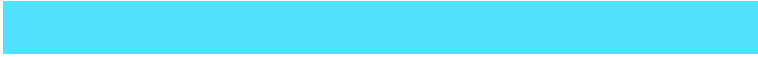
5300991



16757957

Square

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



5300991



15123199



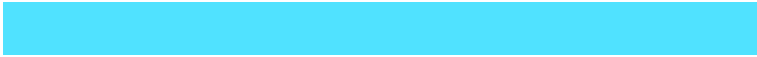
16759458



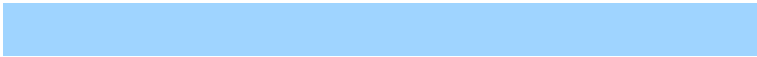
11852951

Rectangle

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



5300991



10474751



16759458



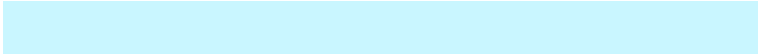
15322759

Sweetspot

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



5300991



13235967



5308266



6322816



0



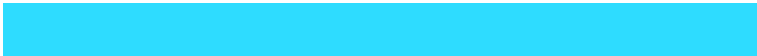
8421504

Same Dimension

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



5300991



3071231



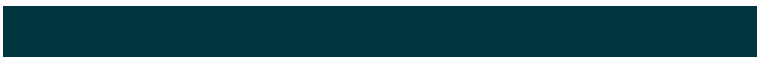
5279231



7568768



41151



13632

Inverse Universe

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



16732386



16723676



16761424



8418173



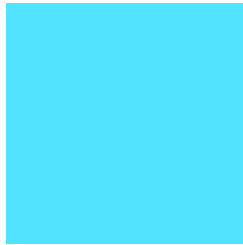
12517536



4194357

Previews

White Background



This preview shows how the Decimal color 5300991 looks on a white background.

Color Contrast Check

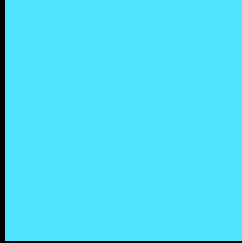
Large Text (above 18pt) WCAG AA × Fail

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 5300991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

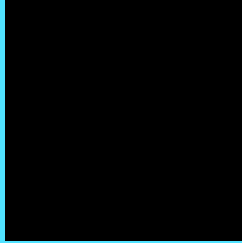
Any Text WCAG AA ✓ Pass

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 5300991 Background



This preview shows how black text looks on a background with the Decimal color 5300991.

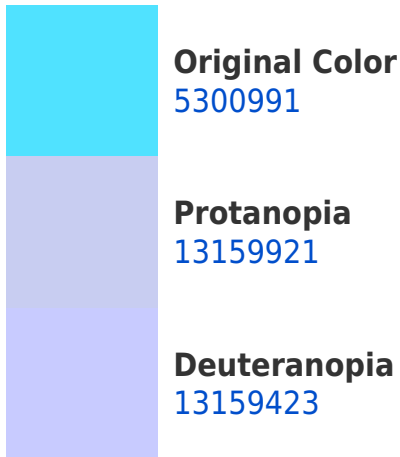


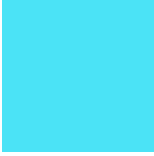
This preview shows how white text looks on a background with the Decimal color 5300991.

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
4973558

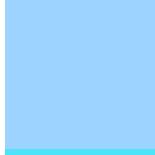
Trichromacy



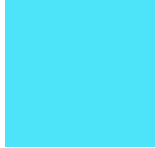
Original Color
5300991



Protanomaly
10278390



Deuteranomaly
10277887

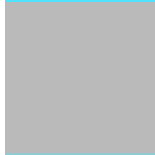


Tritanomaly
5104633

Monochromacy



Original Color
5300991



Achromatopsia
12237498



Achromatomaly
9685459

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5300991 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 #50E2FF looks like.

```
.text, #text, p{
  color:#50E2FF
}
```

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 #50E2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50E2FF
}
```

Border

The CSS property to change the border of an element to Decimal 5300991 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
#50E2FF }
```

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

```
.border{ border-color:#50E2FF }
```

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

Here you see how a box with a 4 pixel #50E2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50E2FF; -webkit-box-shadow:4px 4px  
4px 4px #50E2FF; box-shadow:4px 4px 4px  
4px #50E2FF }
```

Background

The CSS property to change the background color of an element to Decimal 5300991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50E2FF }
```

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

```
.background{ background-color:#50E2FF }
```

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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