

Converting Colors

Decimal(5287900)

Have a look what the booklet for
Decimal(5287900) contains.

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Color

Decimal(5287900)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 50AFDC |
| RGB | 80, 175, 220 |
| RGB Percent | 31%, 69%, 86% |
| CMY | 0.6863, 0.3137, 0.1373 |
| CMYK | 0.64, 0.20, 0.00, 0.14 |
| HSL | 199°, 67%, 59% |
| HSV | 199°, 64%, 86% |
| XYZ | 31.5565, 37.5327, 73.2915 |
| YIQ | 151.7250, -71.0650, -6.1450 |

Conversions

Conversions Part 2

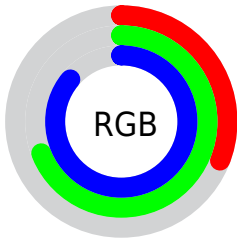
| Format | Color |
|-------------------------------------|---|
| RYB | 80, 137, 220 |
| Decimal | 5287900 |
| CIELab | 67.67, -14.45, -31.01 |
| CIElCh | 68, 34.211, 245.022 |
| Yxy | 37.5327, 0.2216, 0.2636 |
| Android (android.graphics.Color) | 4283477980 (0xFF50AFDC) |
| YUV | 151.7250, 33.6596, -62.9028 |
| Hunter-Lab | 61.2640, -15.2682, -28.0452 |

Details

The Decimal color **5287900** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **14450000**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **9365503**, and **31653** is the 20% darker color. If you saturate the color by 10%, you get **3844316**, and if you desaturate by 10%, it is **6731484**.

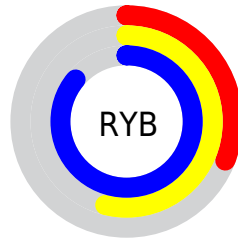
Distribution



Red (31%)

Green (69%)

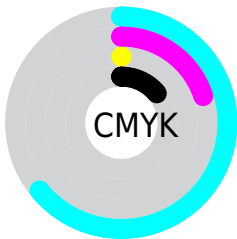
Blue (86%)



Red (31%)

Yellow (54%)

Blue (86%)

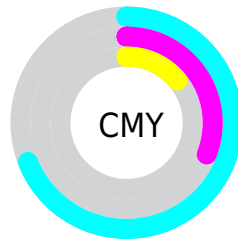


Cyan (64%)

Magenta (20%)

Yellow (0%)

Black (14%)



Cyan (69%)

Magenta (31%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5287900 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 5287900 by changing the saturation by 10% instead.

■ 5287900

■ 5287900

16777215

■ 2856128

■ 9365503

■ 31653

■ 11272191

■ 25226

■ 13238271

■ 19057

■ 15204351

■ 13144

■ 8000

■ 810

■ 276

■ 0

■ 5287900

■ 5287900

■ 3844316

■ 6731484

■ 2400732

■ 8175068

■ 957148

■ 9618652

■ 38364

■ 11062236

■ 12505820

■ 13949404

■ 15393244

■ 16771292

■ 16773084

Harmonies

Analogous

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



3257543



5287900



8562402

Triad

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



5287900



14716321



9678449

Complementary

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



5287900



14450000

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.



11904359



5287900



14651779

Square

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



5287900



13668799



13605486



7254922

Rectangle

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



5287900



10592221



13605486



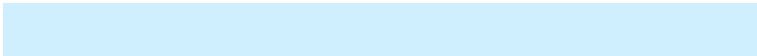
10464108

Sweetspot

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



5287900



13627391



5299324



6452864



0



8421504

Same Dimension

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



5287900



4047359



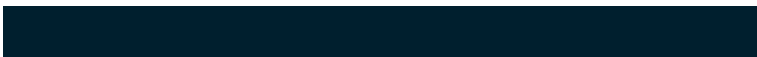
5270236



6515310



30381



7982

Inverse Universe

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



14438575



16727489



14467664



7234410



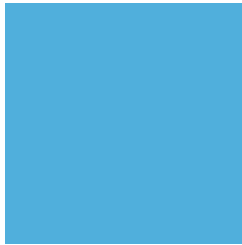
11337846



3014687

Previews

White Background



This preview shows how the Decimal color 5287900 looks on a white background.

Color Contrast Check

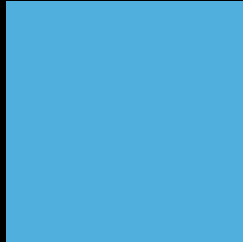
Large Text (above 18pt) WCAG AA × Fail

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 5287900 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

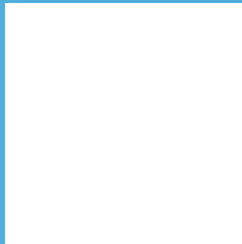
Any Text WCAG AAA ✓ Pass

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

Decimal 5287900 Background



This preview shows how black text looks on a background with the Decimal color 5287900.



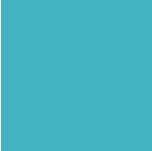
This preview shows how white text looks on a background with the Decimal color 5287900.

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](#).

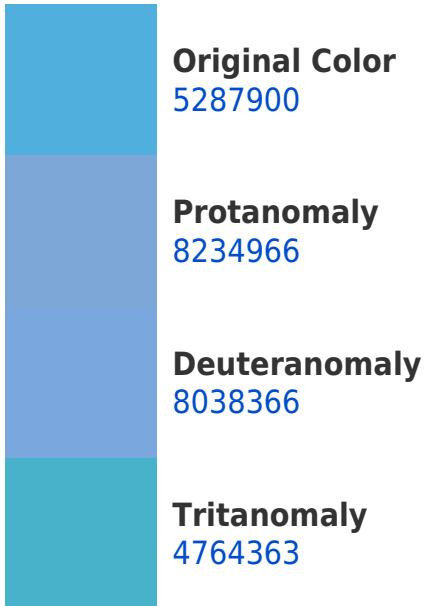
Dichromacy



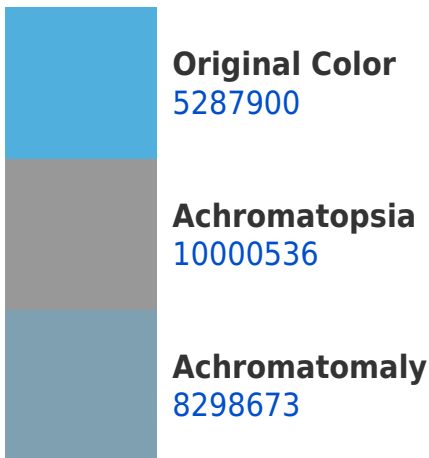


Tritanopia
4437186

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5287900 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 #50AFDC looks like.

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

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 #50AFDC colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 5287900 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
#50AFDC }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 5287900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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