

Converting Colors

Decimal(5427685)

Have a look what the booklet for
Decimal(5427685) contains.

Decimal(5427685)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5427685)

Conversions

Conversions Part 1

Format	Color
Hex	52D1E5
RGB	82, 209, 229
RGB Percent	32%, 82%, 90%
CMY	0.6784, 0.1804, 0.1020
CMYK	0.64, 0.09, 0.00, 0.10
HSL	188°, 74%, 61%
HSV	188°, 64%, 90%
XYZ	40.4230, 53.0519, 82.2383
YIQ	173.3070, -82.1120, -20.7040

Conversions

Conversions Part 2

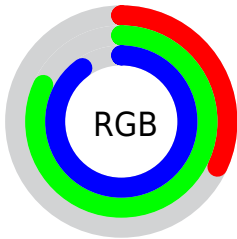
Format	Color
R _Y B	82, 150, 229
Decimal	5427685
CIE Lab	77.91, -28.76, -20.23
CIE LCh	78, 35.160, 215.130
Yxy	53.0519, 0.2301, 0.3019
Android (android.graphics.Color)	4283617765 (0xFF52D1E5)
YUV	173.3070, 27.4566, -80.0762
Hunter-Lab	72.8367, -28.4002, -15.9572

Details

The Decimal color **5427685** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **15033938**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **9633791**, and **39598** is the 20% darker color. If you saturate the color by 10%, you get **3919589**, and if you desaturate by 10%, it is **6935781**.

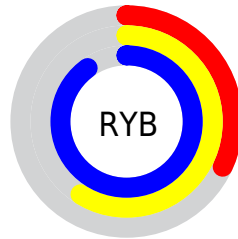
Distribution



Red (32%)

Green (82%)

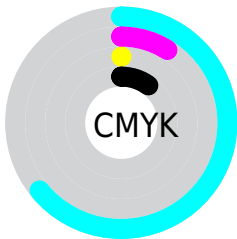
Blue (90%)



Red (32%)

Yellow (59%)

Blue (90%)

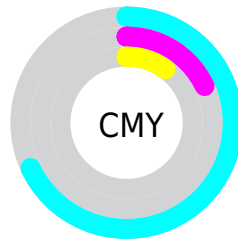


Cyan (64%)

Magenta (9%)

Yellow (0%)

Black (10%)



Cyan (68%)

Magenta (18%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5427685 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 5427685 by changing the saturation by 10% instead.

 5427685

 5427685

16777215

 2799049

 9633791

 39598

 11665407

 32915

 13631487

 26489

 15663103

 20064

 14152

 9010

 541

 0

■ 5427685

■ 5427685

■ 3919589

■ 6935781

■ 2411493

■ 8443877

■ 903397

■ 9951973

■ 50917

■ 11460069

■ 12968421

■ 14410981

■ 15919077

■ 16771813

■ 16772581

Harmonies

Analogous

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



6542277



5427685



7195643

Triad

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



5427685



15707357



13811839

Complementary

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



5427685



15033938

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.



15644038



5427685



16754876

Square

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



5427685



13416182



16755869



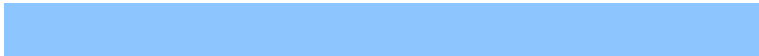
11455114

Rectangle

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



5427685



9291263



16755869



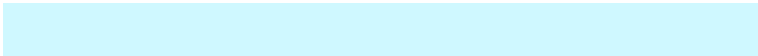
14466432

Sweetspot

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



5427685



13629695



5432678



6454400



0



8421504

Same Dimension

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



5427685



3925247



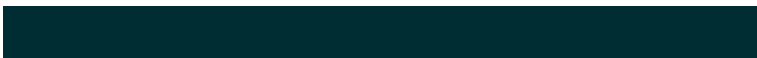
5408997



6779251



39603



11315

Inverse Universe

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



15028945



16727012



15052626



7563121



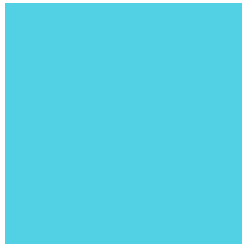
11731098



3342380

Previews

White Background



This preview shows how the Decimal color 5427685 looks on a white background.

Color Contrast Check

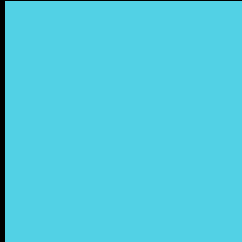
Large Text (above 18pt) WCAG AA × Fail

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 5427685 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 5427685 Background



This preview shows how black text looks on a background with the Decimal color 5427685.

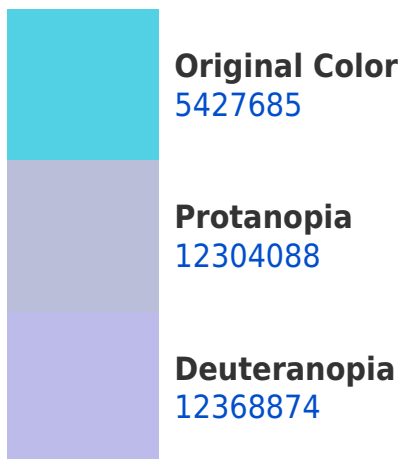


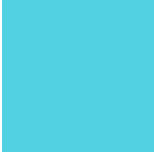
This preview shows how white text looks on a background with the Decimal color 5427685.

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
5362146

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5427685 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 #52D1E5 looks like.

```
.text, #text, p{  
    color:#52D1E5  
}
```

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 #52D1E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52D1E5
}
```

Border

The CSS property to change the border of an element to Decimal 5427685 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
#52D1E5 }
```

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

```
.border{ border-color:#52D1E5 }
```

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

Here you see how a box with a 4 pixel #52D1E5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52D1E5; -webkit-box-shadow:4px 4px  
4px 4px #52D1E5; box-shadow:4px 4px 4px  
4px #52D1E5 }
```

Background

The CSS property to change the background color of an element to Decimal 5427685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52D1E5 }
```

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

```
.background{ background-color:#52D1E5 }
```

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