

Converting Colors

Decimal(5495029)

Have a look what the booklet for
Decimal(5495029) contains.

Decimal(5495029)	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(5495029)

Conversions

Conversions Part 1

Format	Color
Hex	53D8F5
RGB	83, 216, 245
RGB Percent	33%, 85%, 96%
CMY	0.6745, 0.1529, 0.0392
CMYK	0.66, 0.12, 0.00, 0.04
HSL	191°, 89%, 64%
HSV	191°, 66%, 96%
XYZ	44.6046, 57.5433, 95.1423
YIQ	179.5390, -88.5770, -19.1770

Conversions

Conversions Part 2

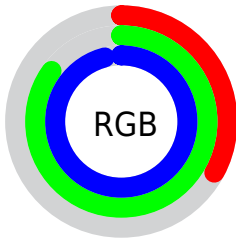
Format	Color
R_{YB}	83, 156, 245
Decimal	5495029
CIE _{Lab}	80.48, -27.33, -24.85
CIE _{LCh}	80, 36.939, 222.286
Yxy	57.5433, 0.2261, 0.2917
Android (android.graphics.Color)	4283685109 (0xFF53D8F5)
YUV	179.5390, 32.2723, -84.6647
Hunter-Lab	75.8573, -27.7911, -21.2630

Details

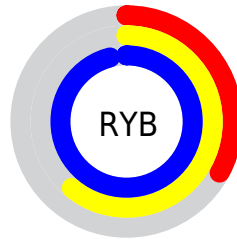
The Decimal color **5495029** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **16085075**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **9830399**, and **41405** is the 20% darker color. If you saturate the color by 10%, you get **3921141**, and if you desaturate by 10%, it is **7134453**.

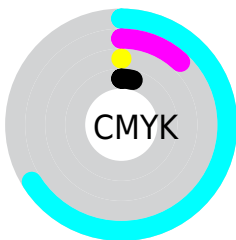
Distribution



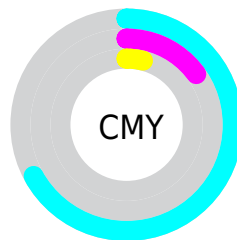
- Red (33%)
- Green (85%)
- Blue (96%)



- Red (33%)
- Yellow (61%)
- Blue (96%)



- Cyan (66%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)



- Cyan (67%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5495029 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 5495029 by changing the saturation by 10% instead.

■ 5495029

■ 5495029

16777215

■ 2669785

■ 9830399

■ 41405

■ 11862015

■ 34466

■ 13893631

■ 28039

■ 15925247

■ 21614

■ 15701

■ 10046

■ 1576

■ 274

■ 5495029

■ 5495029

■ 3921141

■ 7134453

■ 2281461

■ 8708597

■ 707573

■ 10348021

■ 51701

■ 11922165

■ 13561589

■ 15135477

■ 16775157

■ 16776181

■ 16777205

Harmonies

Analogous

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



6085589



5495029



7983615

Triad

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



5495029



16756958



13748868

Complementary

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



5495029



16085075

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.



15843206



5495029



16756411

Square

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



5495029



14596859



16757915



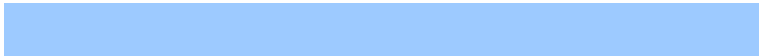
11260820

Rectangle

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



5495029



10341119



16757915



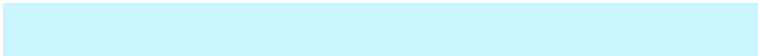
14534274

Sweetspot

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



5495029



13432575



5502318



6388352



0



8421504

Same Dimension

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



5495029



3595263



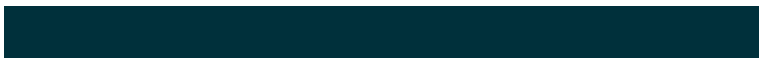
5474805



7239802



39354



12347

Inverse Universe

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



16077784



16725723



16105299



8023672



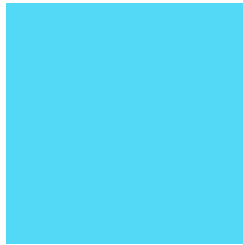
12189849



3866672

Previews

White Background



This preview shows how the Decimal color 5495029 looks on a white background.

Color Contrast Check

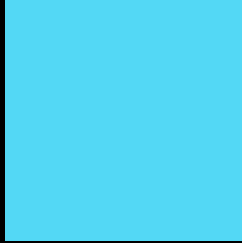
Large Text (above 18pt) WCAG AA × Fail

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 5495029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

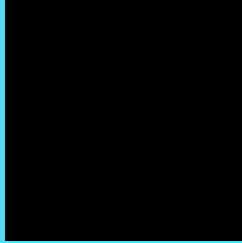
Any Text WCAG AA ✓ Pass

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 5495029 Background



This preview shows how black text looks on a background with the Decimal color 5495029.

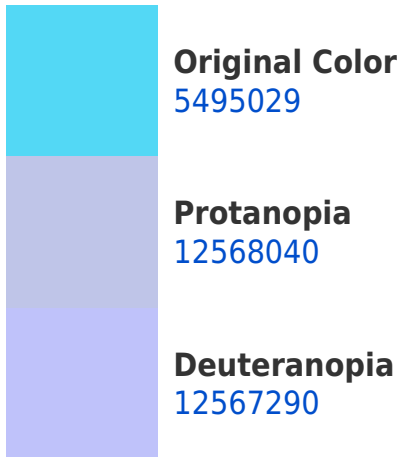


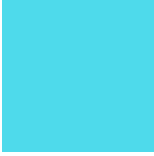
This preview shows how white text looks on a background with the Decimal color 5495029.

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](#).

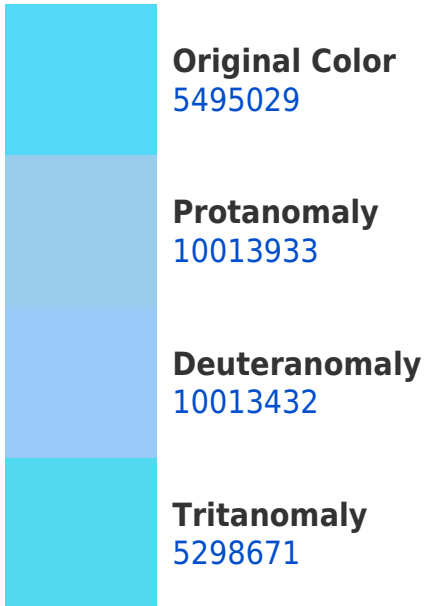
Dichromacy





Tritanopia
5167851

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5495029 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 #53D8F5 looks like.

```
.text, #text, p{  
    color:#53D8F5  
}
```

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 #53D8F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53D8F5
}
```

Border

The CSS property to change the border of an element to Decimal 5495029 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
#53D8F5 }
```

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

```
.border{ border-color:#53D8F5 }
```

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

Here you see how a box with a 4 pixel #53D8F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53D8F5; -webkit-box-shadow:4px 4px  
4px 4px #53D8F5; box-shadow:4px 4px 4px  
4px #53D8F5 }
```

Background

The CSS property to change the background color of an element to Decimal 5495029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53D8F5 }
```

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

```
.background{ background-color:#53D8F5 }
```

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