

# Converting Colors

Decimal(54518)

Have a look what the booklet for  
Decimal(54518) contains.

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# **Color**

**Decimal(54518)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D4F6
RGB	0, 212, 246
RGB Percent	0%, 83%, 96%
CMY	1.0000, 0.1686, 0.0353
CMYK	1.00, 0.14, 0.00, 0.04
HSL	188°, 100%, 48%
HSV	188°, 100%, 96%
XYZ	40.1780, 53.7408, 95.4442
YIQ	152.4880, -137.2660, -34.3700

# Conversions

## Conversions Part 2

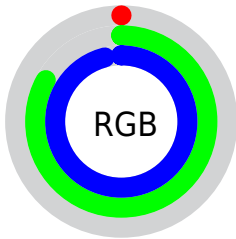
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 114, 246
Decimal	54518
CIELab	78.31, -31.26, -28.80
CIELCh	78, 42.507, 222.658
Yxy	53.7408, 0.2122, 0.2838
Android (android.graphics.Color)	4278244598 (0xFF00D4F6)
YUV	152.4880, 46.1014, -133.7320
Hunter-Lab	73.3081, -30.4585, -25.8775

# Details

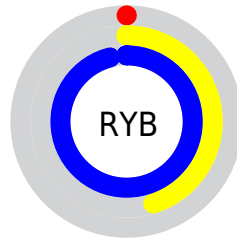
The Decimal color **54518** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **16130560**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **7536639**, and **40382** is the 20% darker color. If you saturate the color by 10%, you get **54518**, and if you desaturate by 10%, it is **1693686**.

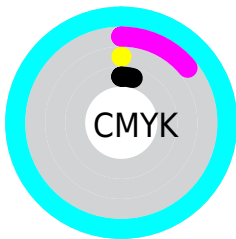
# Distribution



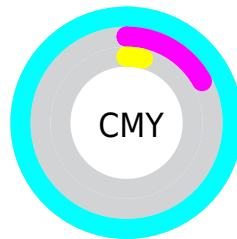
- Red (0%)
- Green (83%)
- Blue (96%)



- Red (0%)
- Yellow (45%)
- Blue (96%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (4%)




















- Cyan (100%)
- Magenta (17%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 54518 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 54518 by changing the saturation by 10% instead.



 54518	 54518
 16777215	 47321
 7536639	 40382
 9764863	 33698
 11927551	 27016
 14024703	 20591
 16187391	 14678
	 9535
	 809
	 275

■ 54518

■ 1693686

■ 3267574

■ 4906742

■ 6480630

■ 8119798

■ 9758966

■ 11332854

■ 12972022

■ 14545910

# Harmonies

## Analogous

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



3069906



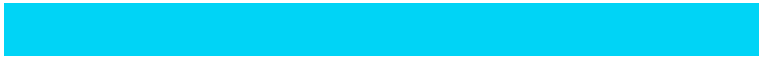
54518



6147327

# Triad

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



54518



16754394



13354355

# Complementary

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



54518



16130560

# 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.



15710071



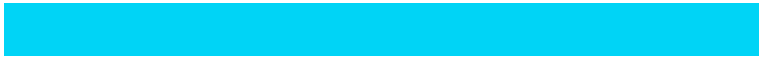
54518



16753586

# Square

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



54518



14463484



16755342



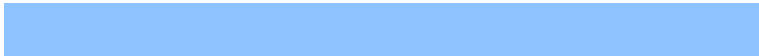
10473350

# Rectangle

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



54518



9291007



16755342



14205042



# Sweetspot

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



54518



11793663



63009



5405056



0



8421504

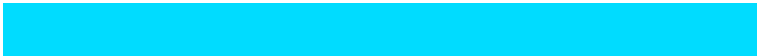


# Same Dimension

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



54518



56575



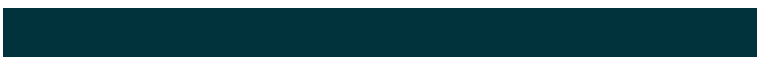
23286



7240058



41146



13115



# Inverse Universe

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



16122068



16711900



16161792



8023673



12189856

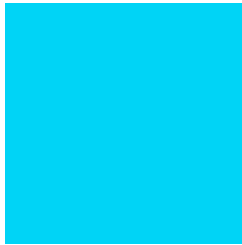


3866675



# Previews

## White Background



This preview shows how the Decimal color 54518 looks on a white background.

## Color Contrast Check

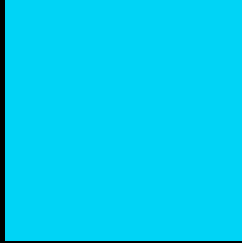
Large Text (above 18pt) WCAG AA × Fail

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 54518 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

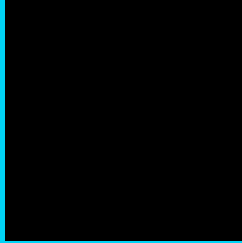
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 54518 Background



This preview shows how black text looks on a background with the Decimal color 54518.

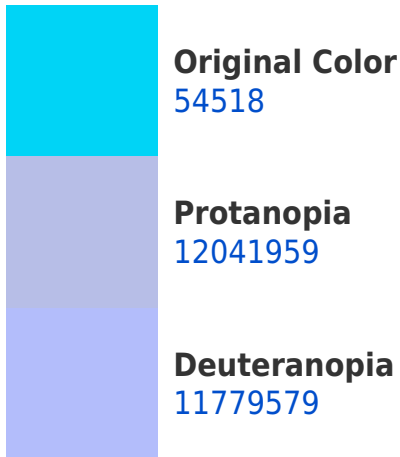


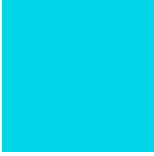
This preview shows how white text looks on a background with the Decimal color 54518.

# 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



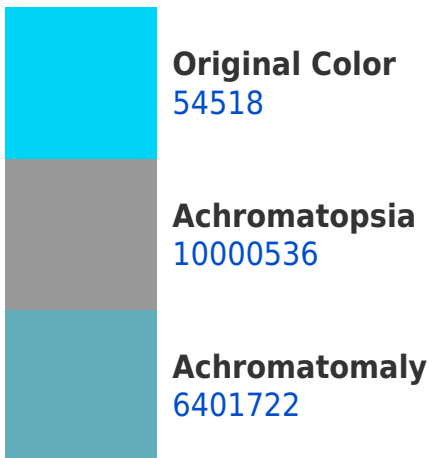


**Tritanopia**  
55015

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 54518 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 #00D4F6 looks like.

```
.text, #text, p{  
    color:#00D4F6  
}
```

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 #00D4F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D4F6
}
```

## Border

The CSS property to change the border of an element to Decimal 54518 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
#00D4F6 }
```

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

```
.border{ border-color:#00D4F6 }
```

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

Here you see how a box with a 4 pixel #00D4F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D4F6; -webkit-box-shadow:4px 4px  
4px 4px #00D4F6; box-shadow:4px 4px 4px  
4px #00D4F6 }
```

# Background

The CSS property to change the background color of an element to Decimal 54518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D4F6 }
```

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

```
.background{ background-color:#00D4F6 }
```

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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