

# Converting Colors

Decimal(1018337)

Have a look what the booklet for  
Decimal(1018337) contains.

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# Color

**Decimal(1018337)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0F89E1
RGB	15, 137, 225
RGB Percent	6%, 54%, 88%
CMY	0.9412, 0.4627, 0.1176
CMYK	0.93, 0.39, 0.00, 0.12
HSL	205°, 88%, 47%
HSV	205°, 93%, 88%
XYZ	22.7333, 23.4291, 74.5583
YIQ	110.5540, -100.9600, 1.5040

# Conversions

## Conversions Part 2

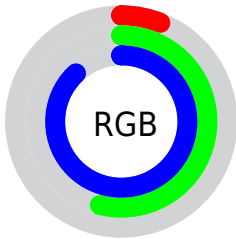
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	15, 92, 225
Decimal	1018337
CIE Lab	55.51, 2.13, -52.99
CIE LCh	56, 53.029, 272.301
Yxy	23.4291, 0.1883, 0.1941
Android (android.graphics.Color)	4279208417 (0xFF0F89E1)
YUV	110.5540, 56.4219, -83.8009
Hunter-Lab	48.4036, -0.8720, -57.4445

# Details

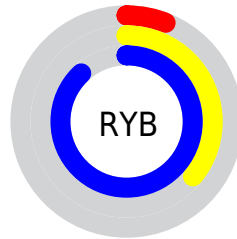
The Decimal color **1018337** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **14771983**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **7061247**, and **22697** is the 20% darker color. If you saturate the color by 10%, you get **33761**, and if you desaturate by 10%, it is **2527969**.

# Distribution



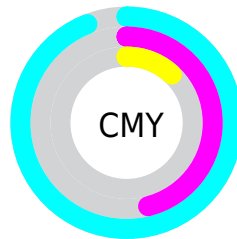
- Red (6%)
- Green (54%)
- Blue (88%)



- Red (6%)
- Yellow (36%)
- Blue (88%)



- Cyan (93%)
- Magenta (39%)
- Yellow (0%)
- Black (12%)



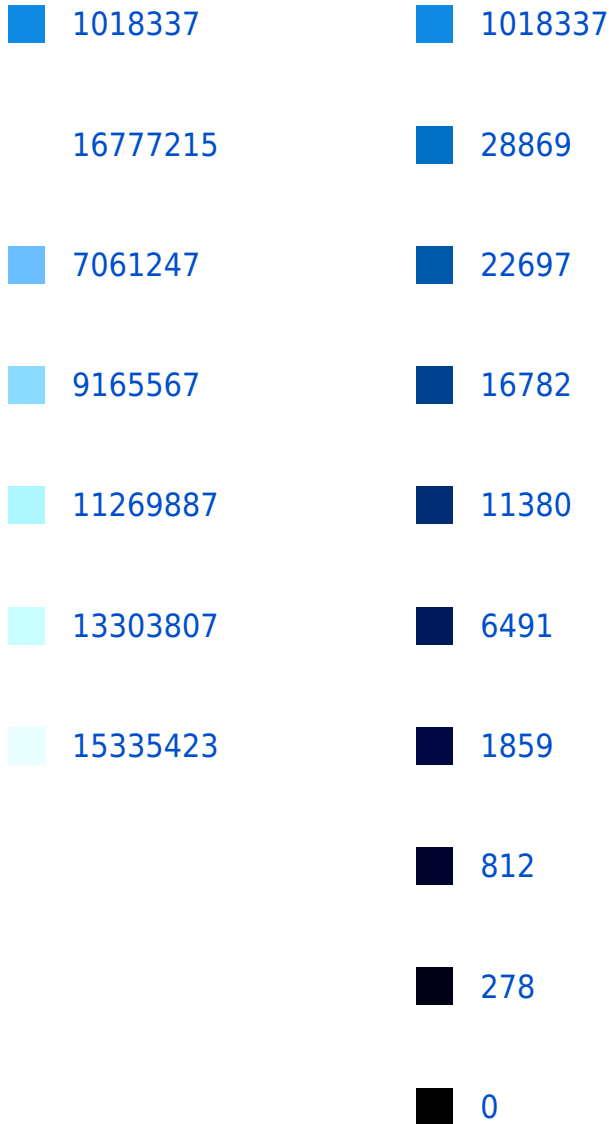
- Cyan (94%)
- Magenta (46%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1018337 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 1018337 by changing the saturation by 10% instead.





■ 1018337

■ 1018337

■ 33761

■ 2527969

■ 3972321

■ 5481953

■ 6926305

■ 8370401

■ 9880289

■ 11389921

■ 12834017

■ 14343905

# Harmonies

## Analogous

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



38358



1018337



9140179

# Triad

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



1018337



13984086



2136152

# Complementary

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



1018337



14771983

# 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.



7049265



1018337



12546866

# Square

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



1018337



14113411



10126368



39815

# Rectangle

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



1018337



11627198



10126368



4363850

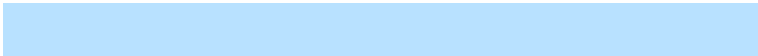


# Sweetspot

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



1018337



12116479



1040743



5533056



0



8421504

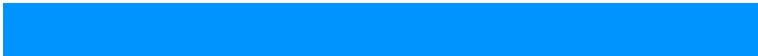


# Same Dimension

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



1018337



38143



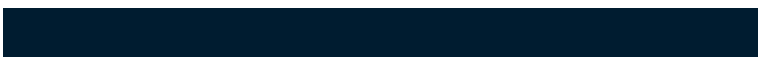
991457



6646640



26288



7216



# Inverse Universe

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



14749577



16711828



14798863



7365995



11534438



3145756



# Previews

## White Background



This preview shows how the Decimal color 1018337 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 1018337 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

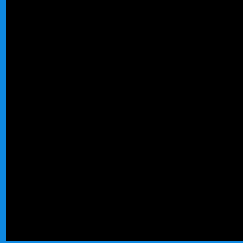
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

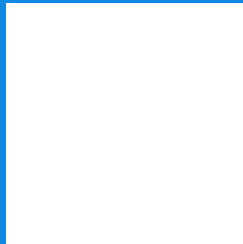
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 1018337 Background



This preview shows how black text looks on a background with the Decimal color 1018337.



This preview shows how white text looks on a background with the Decimal color 1018337.

# 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**  
37789

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1018337 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 #0F89E1 looks like.

```
.text, #text, p{  
    color:#0F89E1  
}
```

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 #0F89E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F89E1
}
```

## Border

The CSS property to change the border of an element to Decimal 1018337 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
#0F89E1 }
```

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

```
.border{ border-color:#0F89E1 }
```

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

Here you see how a box with a 4 pixel #0F89E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F89E1; -webkit-box-shadow:4px 4px  
4px 4px #0F89E1; box-shadow:4px 4px 4px  
4px #0F89E1 }
```

# Background

The CSS property to change the background color of an element to Decimal 1018337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F89E1 }
```

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

```
.background{ background-color:#0F89E1 }
```

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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