

Converting Colors

Decimal(513011)

Have a look what the booklet for
Decimal(513011) contains.

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Color

Decimal(513011)

Conversions

Conversions Part 1

Format	Color
Hex	07D3F3
RGB	7, 211, 243
RGB Percent	3%, 83%, 95%
CMY	0.9725, 0.1725, 0.0471
CMYK	0.97, 0.13, 0.00, 0.05
HSL	188°, 94%, 49%
HSV	188°, 97%, 95%
XYZ	39.5595, 53.1048, 92.9593
YIQ	153.6520, -131.8560, -33.2960

Conversions

Conversions Part 2

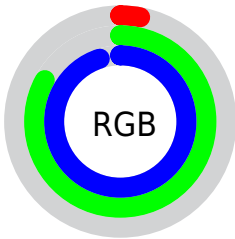
Format	Color
RYB	7, 116, 243
Decimal	513011
CIELab	77.94, -31.59, -27.77
CIElCh	78, 42.059, 221.324
Yxy	53.1048, 0.2131, 0.2861
Android (android.graphics.Color)	4278703091 (0xFF07D3F3)
YUV	153.6520, 44.0486, -128.6138
Hunter-Lab	72.8730, -30.6280, -24.6212

Details

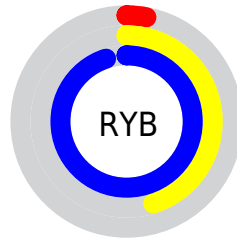
The Decimal color **513011** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light saturated cyan. A complement of this color would be **15935239**, and the grayscale version is **10066329**.

A 20% lighter version of the original color is **7536639**, and **40123** is the 20% darker color. If you saturate the color by 10%, you get **54003**, and if you desaturate by 10%, it is **2086643**.

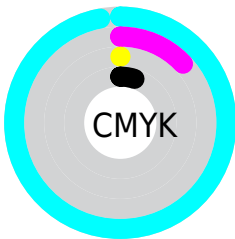
Distribution



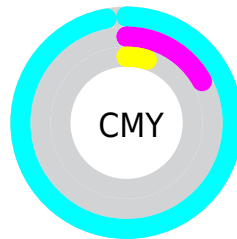
- Red (3%)
- Green (83%)
- Blue (95%)



- Red (3%)
- Yellow (45%)
- Blue (95%)



- Cyan (97%)
- Magenta (13%)
- Yellow (0%)
- Black (5%)




















- Cyan (97%)
- Magenta (17%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 513011 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 513011 by changing the saturation by 10% instead.

 513011	 513011
 16777215	 47063
 7536639	 40123
 9830399	 33440
 11927551	 26757
 14024703	 20588
 16121855	 14420
	 9276
	 807
	 272

■ 513011

■ 513011

■ 54003

■ 2086643

■ 3726067

■ 5299699

■ 6873331

■ 8446963

■ 10086387

■ 11660019

■ 13233651

■ 14873075

Harmonies

Analogous

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



3462863



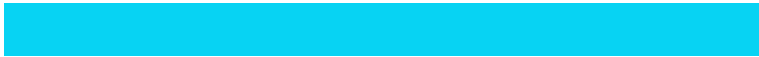
513011



6016255

Triad

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



513011



16623067



13419379

Complementary

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



513011



15935239

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.



15709815



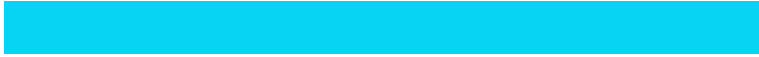
513011



16753331

Square

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



513011



14201339



16755087



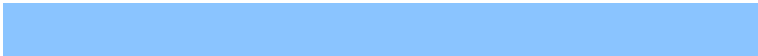
10603909

Rectangle

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



513011



9094399



16755087



14270322

Sweetspot

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



513011



11924991



520998



5470592



0



8421504

Same Dimension

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



513011



56575



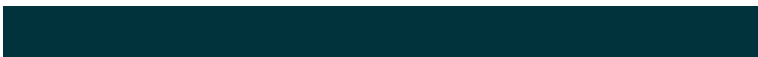
483059



7240058



41402



13115

Inverse Universe

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



15927251



16711900



15965191



8023673



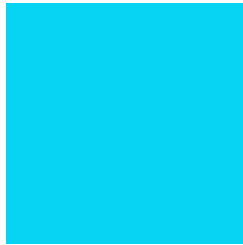
12189857



3866675

Previews

White Background



This preview shows how the Decimal color 513011 looks on a white background.

Color Contrast Check

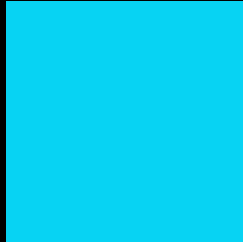
Large Text (above 18pt) WCAG AA × Fail

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 513011 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 513011 Background



This preview shows how black text looks on a background with the Decimal color 513011.

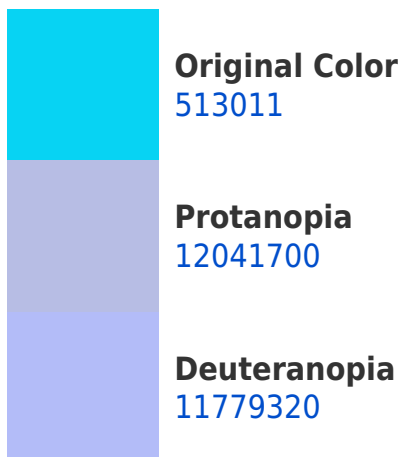


This preview shows how white text looks on a background with the Decimal color 513011.

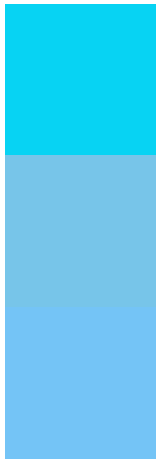
Color Blindness Simulation

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



Trichromacy

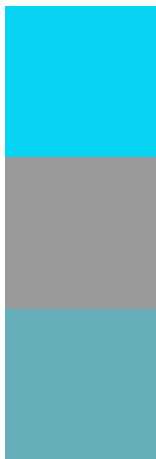


Original Color
513011

Protanomaly
7849449

Deuteranomaly
7652598

Monochromacy



Original Color
513011

Achromatopsia
10132122

Achromatomaly
6664122

CSS Examples

Text

The CSS property to change the color of the text to Decimal 513011 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 #07D3F3 looks like.

```
.text, #text, p{  
    color:#07D3F3  
}
```

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 #07D3F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07D3F3
}
```

Border

The CSS property to change the border of an element to Decimal 513011 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
#07D3F3 }
```

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

```
.border{ border-color:#07D3F3 }
```

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

Here you see how a box with a 4 pixel #07D3F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07D3F3; -webkit-box-shadow:4px 4px  
4px 4px #07D3F3; box-shadow:4px 4px 4px  
4px #07D3F3 }
```

Background

The CSS property to change the background color of an element to Decimal 513011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07D3F3 }
```

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

```
.background{ background-color:#07D3F3 }
```

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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