

Converting Colors

Decimal(1228513)

Have a look what the booklet for
Decimal(1228513) contains.

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Color

Decimal(1228513)

Conversions

Conversions Part 1

Format	Color
Hex	12BEE1
RGB	18, 190, 225
RGB Percent	7%, 75%, 88%
CMY	0.9294, 0.2549, 0.1176
CMYK	0.92, 0.16, 0.00, 0.12
HSL	190°, 85%, 48%
HSV	190°, 92%, 88%
XYZ	32.2535, 42.3918, 77.7167
YIQ	142.5620, -113.7470, -25.5790

Conversions

Conversions Part 2

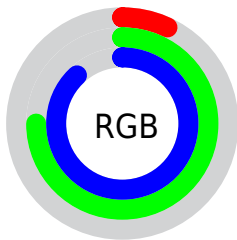
Format	Color
RYB	18, 112, 225
Decimal	1228513
CIELab	71.14, -26.85, -28.50
CIELCh	71, 39.154, 226.700
Yxy	42.3918, 0.2117, 0.2782
Android (android.graphics.Color)	4279418593 (0xFF12BEE1)
YUV	142.5620, 40.6419, -109.2409
Hunter-Lab	65.1089, -25.5158, -25.1947

Details

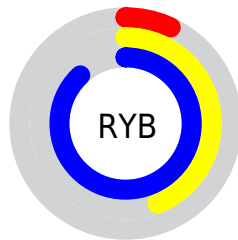
The Decimal color **1228513** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **14759186**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **7337983**, and **34986** is the 20% darker color. If you saturate the color by 10%, you get **48097**, and if you desaturate by 10%, it is **2736865**.

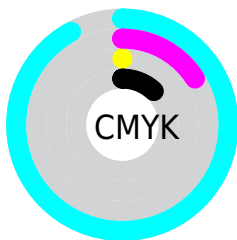
Distribution



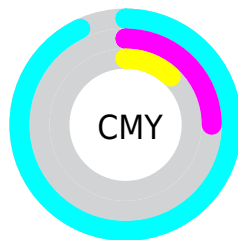
- Red (7%)
- Green (75%)
- Blue (88%)



- Red (7%)
- Yellow (44%)
- Blue (88%)



- Cyan (92%)
- Magenta (16%)
- Yellow (0%)
- Black (12%)



- Cyan (93%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1228513 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 1228513 by changing the saturation by 10% instead.

1228513

1228513

16777215

41925

7337983

34986

9502719

28559

11599871

22133

13631487

15965

15663103

10309

2863

281

0

■ 1228513

■ 1228513

■ 48097

■ 2736865

■ 4179681

■ 5687777

■ 7130593

■ 8638945

■ 10081761

■ 11590113

■ 13032673

■ 14475489

Harmonies

Analogous

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



2212289



1228513



6141683

Triad

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



1228513



15373504



11711081

Complementary

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



1228513



14759186

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.



13870953



1228513



16028571

Square

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



1228513



13344479



15440508



9026428

Rectangle

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



1228513



8892405



15440508



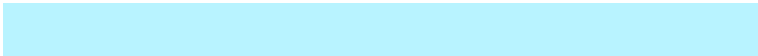
12496742

Sweetspot

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



1228513



12121087



1237300



5535872



0



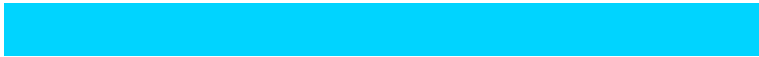
8421504

Same Dimension

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



1228513



54527



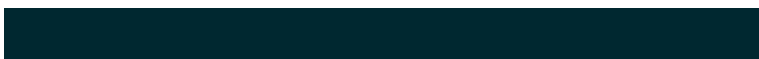
1202145



6647408



37552



10288

Inverse Universe

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



14750398



16711892



14785554



7365998



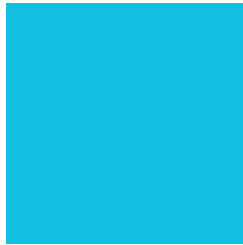
11534482



3145768

Previews

White Background



This preview shows how the Decimal color 1228513 looks on a white background.

Color Contrast Check

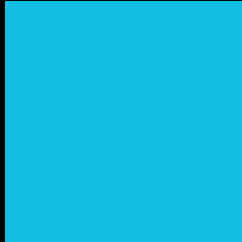
Large Text (above 18pt) WCAG AA × Fail

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 1228513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

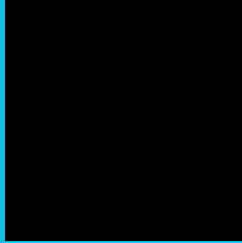
Any Text WCAG AA ✓ Pass

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 1228513 Background



This preview shows how black text looks on a background with the Decimal color 1228513.



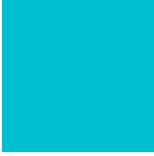
This preview shows how white text looks on a background with the Decimal color 1228513.

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
49359

Trichromacy



Original Color
1228513



Protanomaly
7320281



Deuteranomaly
7057892



Tritanomaly
507862

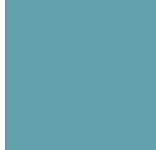
Monochromacy



Original Color
1228513



Achromatopsia
9408399



Achromatomaly
6463661

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1228513 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 #12BEE1 looks like.

```
.text, #text, p{  
    color:#12BEE1  
}
```

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 #12BEE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12BEE1
}
```

Border

The CSS property to change the border of an element to Decimal 1228513 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
#12BEE1 }
```

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

```
.border{ border-color:#12BEE1 }
```

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

Here you see how a box with a 4 pixel #12BEE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12BEE1; -webkit-box-shadow:4px 4px  
4px 4px #12BEE1; box-shadow:4px 4px 4px  
4px #12BEE1 }
```

Background

The CSS property to change the background color of an element to Decimal 1228513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12BEE1 }
```

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

```
.background{ background-color:#12BEE1 }
```

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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