

Converting Colors

Decimal(1230824)

Have a look what the booklet for
Decimal(1230824) contains.

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Color

Decimal(1230824)

Conversions

Conversions Part 1

Format	Color
Hex	12C7E8
RGB	18, 199, 232
RGB Percent	7%, 78%, 91%
CMY	0.9294, 0.2196, 0.0902
CMYK	0.92, 0.14, 0.00, 0.09
HSL	189°, 86%, 49%
HSV	189°, 92%, 91%
XYZ	35.2384, 46.8016, 83.5203
YIQ	148.6430, -118.4690, -28.1090

Conversions

Conversions Part 2

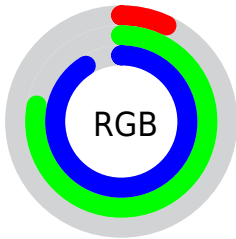
Format	Color
RYB	18, 116, 232
Decimal	1230824
CIELab	74.06, -29.01, -27.80
CIELCh	74, 40.177, 223.782
Yxy	46.8016, 0.2128, 0.2827
Android (android.graphics.Color)	4279420904 (0xFF12C7E8)
YUV	148.6430, 41.0950, -114.5739
Hunter-Lab	68.4117, -27.7765, -24.4959

Details

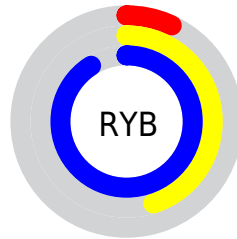
The Decimal color **1230824** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **15217426**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **7471103**, and **37296** is the 20% darker color. If you saturate the color by 10%, you get **50408**, and if you desaturate by 10%, it is **2739176**.

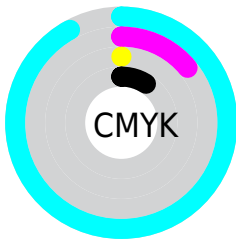
Distribution



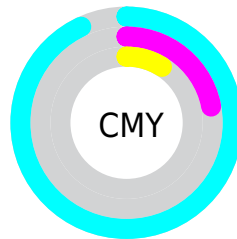
- Red (7%)
- Green (78%)
- Blue (91%)



- Red (7%)
- Yellow (45%)
- Blue (91%)



- Cyan (92%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)

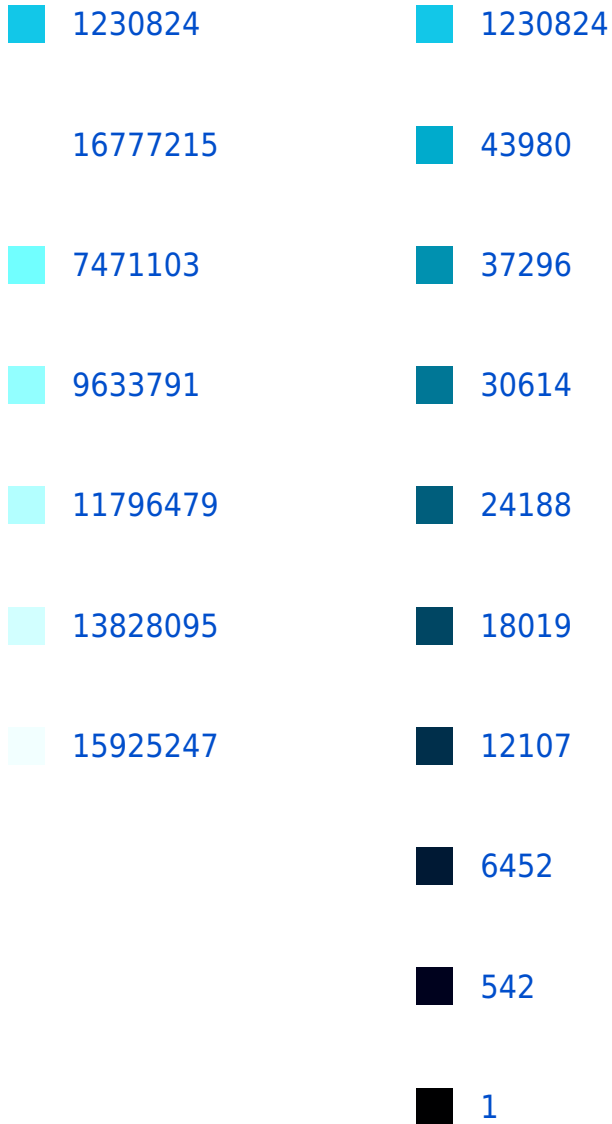


- Cyan (93%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1230824 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 1230824 by changing the saturation by 10% instead.



■ 1230824

■ 1230824

■ 50408

■ 2739176

■ 4247272

■ 5821160

■ 7329256

■ 8837608

■ 10345704

■ 11854056

■ 13427944

■ 14936040

Harmonies

Analogous

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



2935494



1230824



6078716

Triad

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



1230824



15834316



12433773

Complementary

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



1230824



15217426

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.



14724463



1230824



16685734

Square

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



1230824



13674220



16228741



9749375

Rectangle

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



1230824



8960255



16228741



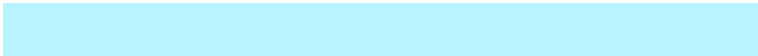
13284716

Sweetspot

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



1230824



12121343



1239090



5536128



0



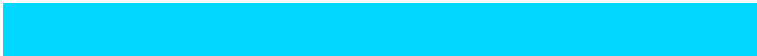
8421504

Same Dimension

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



1230824



55551



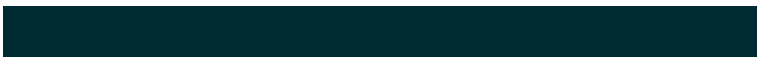
1203688



6779251



38835



11059

Inverse Universe

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



15209159



16711896



15244562



7563121



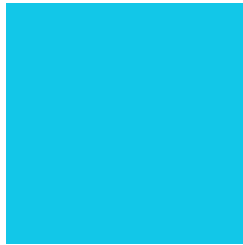
11731095



3342379

Previews

White Background



This preview shows how the Decimal color 1230824 looks on a white background.

Color Contrast Check

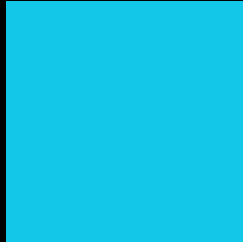
Large Text (above 18pt) WCAG AA × Fail

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 1230824 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 1230824 Background



This preview shows how black text looks on a background with the Decimal color 1230824.

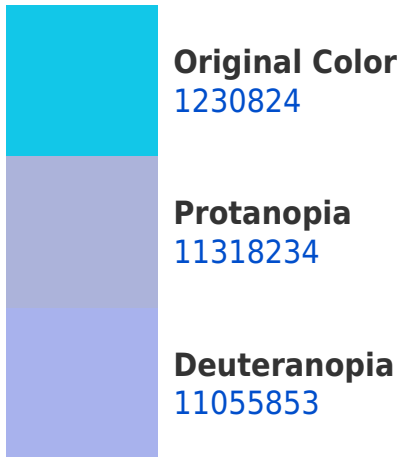


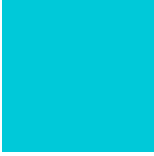
This preview shows how white text looks on a background with the Decimal color 1230824.

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
51673

Trichromacy



Original Color
1230824



Protanomaly
7650015



Deuteranomaly
7453419



Tritanomaly
510174

Monochromacy



Original Color
1230824



Achromatopsia
9803157



Achromatomaly
6662067

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1230824 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 #12C7E8 looks like.

```
.text, #text, p{  
  color:#12C7E8  
}
```

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 #12C7E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12C7E8  
}
```

Border

The CSS property to change the border of an element to Decimal 1230824 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  
#12C7E8 }
```

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

```
.border{ border-color:#12C7E8 }
```

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

Here you see how a box with a 4 pixel #12C7E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12C7E8; -webkit-box-shadow:4px 4px  
4px 4px #12C7E8; box-shadow:4px 4px 4px  
4px #12C7E8 }
```

Background

The CSS property to change the background color of an element to Decimal 1230824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12C7E8 }
```

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

```
.background{ background-color:#12C7E8 }
```

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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