

Converting Colors

Decimal(1221081)

Have a look what the booklet for
Decimal(1221081) contains.

Decimal(1221081)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(1221081)

Conversions

Conversions Part 1

Format	Color
Hex	12A1D9
RGB	18, 161, 217
RGB Percent	7%, 63%, 85%
CMY	0.9294, 0.3686, 0.1490
CMYK	0.92, 0.26, 0.00, 0.15
HSL	197°, 85%, 46%
HSV	197°, 92%, 85%
XYZ	25.5187, 30.6281, 70.2125
YIQ	124.6270, -103.2040, -12.9000

Conversions

Conversions Part 2

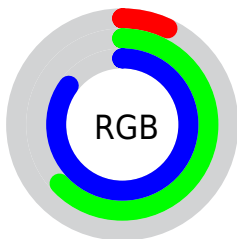
Format	Color
R _{YB}	18, 101, 217
Decimal	1221081
CIE _{Lab}	62.19, -14.48, -37.97
CIE _{LCh}	62, 40.640, 249.132
Yxy	30.6281, 0.2020, 0.2424
Android (android.graphics.Color)	4279411161 (0xFF12A1D9)
YUV	124.6270, 45.5399, -93.5119
Hunter-Lab	55.3427, -14.5426, -36.4806

Details

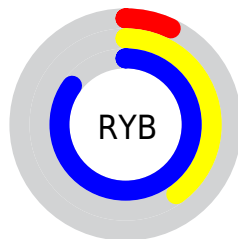
The Decimal color **1221081** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **14240274**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **7067903**, and **28322** is the 20% darker color. If you saturate the color by 10%, you get **40153**, and if you desaturate by 10%, it is **2664409**.

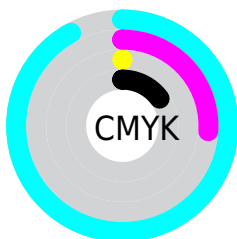
Distribution



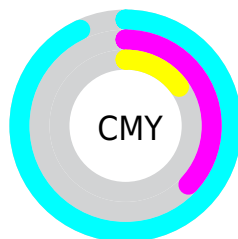
- Red (7%)
- Green (63%)
- Blue (85%)



- Red (7%)
- Yellow (40%)
- Blue (85%)



- Cyan (92%)
- Magenta (26%)
- Yellow (0%)
- Black (15%)

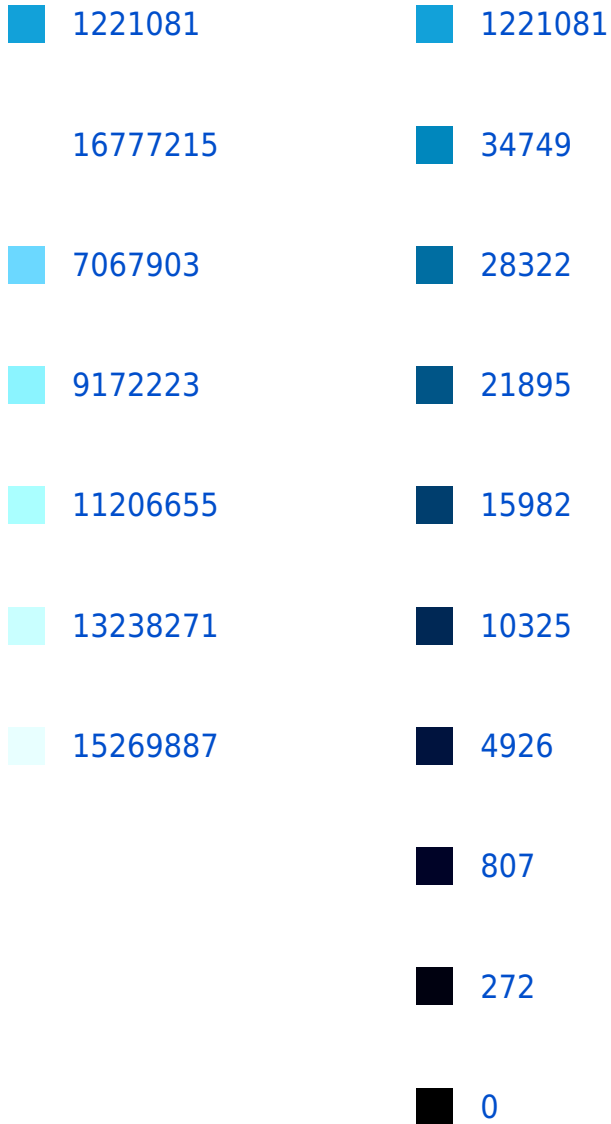


- Cyan (93%)
- Magenta (37%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1221081 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 1221081 by changing the saturation by 10% instead.



■ 1221081

■ 1221081

■ 40153

■ 2664409

■ 4042201

■ 5485529

■ 6928857

■ 8306905

■ 9750233

■ 11193561

■ 12636889

■ 14014681

Harmonies

Analogous

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



42947



1221081



7444189

Triad

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



1221081



14383501



8102237

Complementary

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



1221081



14240274

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.



10655821



1221081



14057323

Square

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



1221081



13401521



12749651



4958075

Rectangle

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



1221081



9997781



12749651



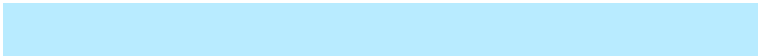
9019222

Sweetspot

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



1221081



12119039



1235271



5534592



0



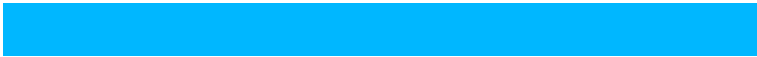
8421504

Same Dimension

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



1221081



47103



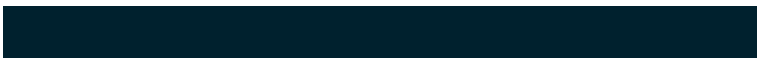
1196249



6515566



32173



8494

Inverse Universe

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



14226081



16711863



14265106



7234411



11337853



3014689

Previews

White Background



This preview shows how the Decimal color 1221081 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 1221081 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 1221081 Background



This preview shows how black text looks on a background with the Decimal color 1221081.



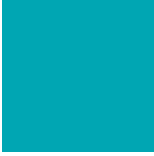
This preview shows how white text looks on a background with the Decimal color 1221081.

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](#).

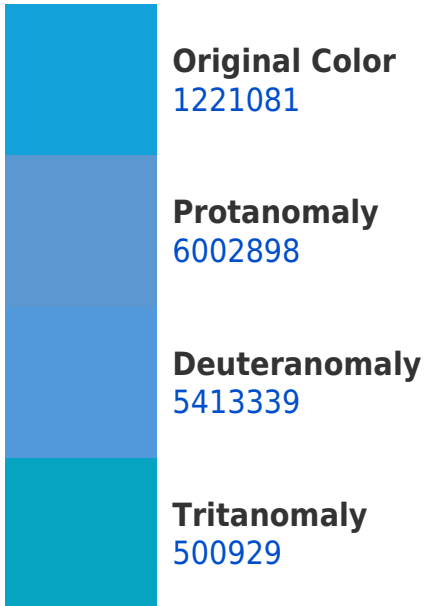
Dichromacy





Tritanopia
42675

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 1221081 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 #12A1D9 looks like.

```
.text, #text, p{  
  color:#12A1D9  
}
```

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 #12A1D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12A1D9
}
```

Border

The CSS property to change the border of an element to Decimal 1221081 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
#12A1D9 }
```

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

```
.border{ border-color:#12A1D9 }
```

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

Here you see how a box with a 4 pixel #12A1D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12A1D9; -webkit-box-shadow:4px 4px  
4px 4px #12A1D9; box-shadow:4px 4px 4px  
4px #12A1D9 }
```

Background

The CSS property to change the background color of an element to Decimal 1221081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12A1D9 }
```

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

```
.background{ background-color:#12A1D9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor