

# Converting Colors

Decimal(1226201)

Have a look what the booklet for  
Decimal(1226201) contains.

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# **Color**

**Decimal(1226201)**

# Conversions

## Conversions Part 1

Format	Color
Hex	12B5D9
RGB	18, 181, 217
RGB Percent	7%, 71%, 85%
CMY	0.9294, 0.2902, 0.1490
CMYK	0.92, 0.17, 0.00, 0.15
HSL	191°, 85%, 46%
HSV	191°, 92%, 85%
XYZ	29.2977, 38.1861, 71.4721
YIQ	136.3670, -108.7040, -23.3600

# Conversions

## Conversions Part 2

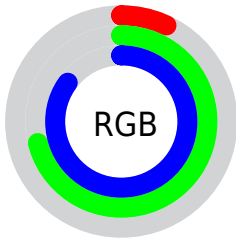
Format	Color
R <sub>YB</sub>	18, 108, 217
Decimal	1226201
CIE Lab	68.16, -24.99, -28.72
CIE LCh	68, 38.070, 228.966
Yxy	38.1861, 0.2108, 0.2748
Android (android.graphics.Color)	4279416281 (0xFF12B5D9)
YUV	136.3670, 39.7521, -103.8079
Hunter-Lab	61.7949, -23.5121, -25.3185

# Details

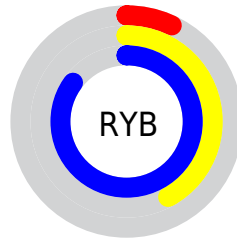
The Decimal color **1226201** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **14235154**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **7204351**, and **32930** is the 20% darker color. If you saturate the color by 10%, you get **45785**, and if you desaturate by 10%, it is **2669017**.

# Distribution



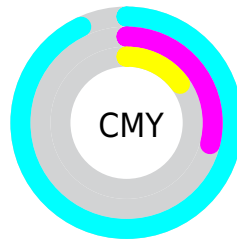
- Red (7%)
- Green (71%)
- Blue (85%)



- Red (7%)
- Yellow (42%)
- Blue (85%)



- Cyan (92%)
- Magenta (17%)
- Yellow (0%)
- Black (15%)



- Cyan (93%)
- Magenta (29%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1226201 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 1226201 by changing the saturation by 10% instead.



■ 1226201

■ 1226201

16777215

■ 39613

■ 7204351

■ 32930

■ 9306111

■ 26504

■ 11403263

■ 20078

■ 13434879

■ 14166

■ 15466495

■ 9022

■ 808

■ 274

■ 0

■ 1226201

■ 1226201

■ 45785

■ 2669017

■ 4046297

■ 5489113

■ 6931929

■ 8309209

■ 9752025

■ 11194585

■ 12637401

■ 14014681

# Harmonies

## Analogous

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



1423547



1226201



6073833

# Triad

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



1226201



14781876



10988388

# Complementary

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



1226201



14235154

# 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.



13148258



1226201



15305874

# Square

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



1226201



12948948



14718068



8369016

# Rectangle

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



1226201



8759018



14718068



11773793

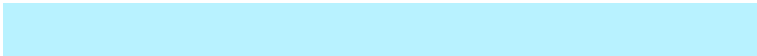


# Sweetspot

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



1226201



12120831



1235251



5535872



0



8421504

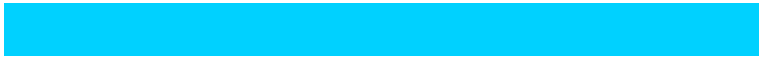


# Same Dimension

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



1226201



53759



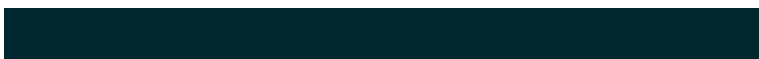
1201369



6515822



36525



9774



# Inverse Universe

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



14226101



16711889



14259986



7234412



11337870

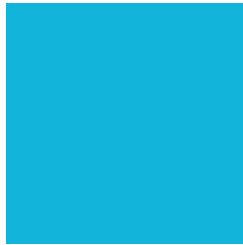


3014694



# Previews

## White Background



This preview shows how the Decimal color 1226201 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 1226201 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

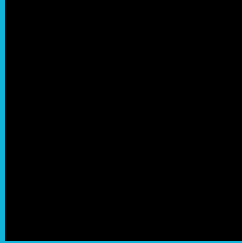
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 1226201 Background



This preview shows how black text looks on a background with the Decimal color 1226201.



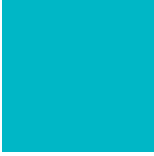
This preview shows how white text looks on a background with the Decimal color 1226201.

# 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**  
47046

# Trichromacy



**Original Color**  
1226201



**Protanomaly**  
6925009



**Deuteranomaly**  
6728412



**Tritanomaly**  
505549

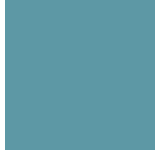
# Monochromacy



**Original Color**  
1226201



**Achromatopsia**  
8947848



**Achromatomaly**  
6133925

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1226201 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 #12B5D9 looks like.

```
.text, #text, p{  
    color:#12B5D9  
}
```

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 #12B5D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12B5D9
}
```

## Border

The CSS property to change the border of an element to Decimal 1226201 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
#12B5D9 }
```

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

```
.border{ border-color:#12B5D9 }
```

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

Here you see how a box with a 4 pixel #12B5D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12B5D9; -webkit-box-shadow:4px 4px  
4px 4px #12B5D9; box-shadow:4px 4px 4px  
4px #12B5D9 }
```

# Background

The CSS property to change the background color of an element to Decimal 1226201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12B5D9 }
```

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

```
.background{ background-color:#12B5D9 }
```

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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