

Converting Colors

Decimal(1221357)

Have a look what the booklet for
Decimal(1221357) contains.

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Color

Decimal(1221357)

Conversions

Conversions Part 1

Format	Color
Hex	12A2ED
RGB	18, 162, 237
RGB Percent	7%, 64%, 93%
CMY	0.9294, 0.3647, 0.0706
CMYK	0.92, 0.32, 0.00, 0.07
HSL	201°, 86%, 50%
HSV	201°, 92%, 93%
XYZ	28.4558, 32.0837, 84.8138
YIQ	127.4940, -109.8990, -7.2030

Conversions

Conversions Part 2

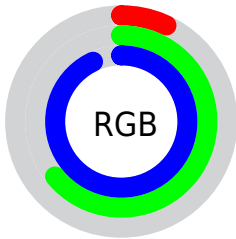
Format	Color
RYB	18, 105, 237
Decimal	1221357
CIELab	63.41, -7.80, -47.10
CIELCh	63, 47.745, 260.592
Yxy	32.0837, 0.1958, 0.2207
Android (android.graphics.Color)	4279411437 (0xFF12A2ED)
YUV	127.4940, 53.9865, -96.0262
Hunter-Lab	56.6425, -9.4501, -49.1283

Details

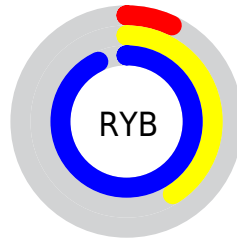
The Decimal color **1221357** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **15555858**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **7330303**, and **28597** is the 20% darker color. If you saturate the color by 10%, you get **40173**, and if you desaturate by 10%, it is **2796269**.

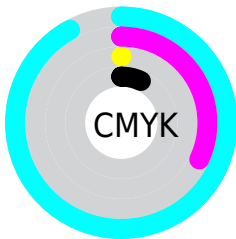
Distribution



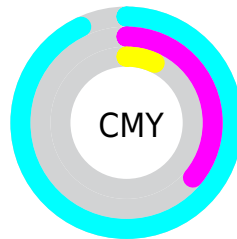
- Red (7%)
- Green (64%)
- Blue (93%)



- Red (7%)
- Yellow (41%)
- Blue (93%)



- Cyan (92%)
- Magenta (32%)
- Yellow (0%)
- Black (7%)



- Cyan (93%)
- Magenta (36%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1221357 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 1221357 by changing the saturation by 10% instead.

 1221357

 1221357

16777215

 35024

 7330303

 28597

 9500159

 22426

 11599871

 16511

 13631487

 10854

 15728639

 5965

 1334

 544

 3

■ 1221357

■ 1221357

■ 40173

■ 2796269

■ 4305645

■ 5880557

■ 7455469

■ 8965101

■ 10540013

■ 12114925

■ 13689837

■ 15199213

Harmonies

Analogous

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



43994



1221357



8885481

Triad

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



1221357



15300478



6596962

Complementary

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



1221357



1555858

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.



9871430



1221357



14451545

Square

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



1221357



14776233



12489539



44682

Rectangle

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



1221357



11569370



12489539



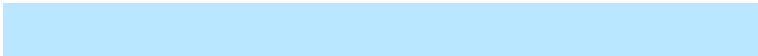
7776086

Sweetspot

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



1221357



12118015



1240411



5534080



0



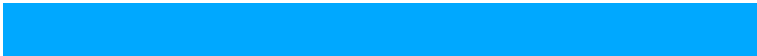
8421504

Same Dimension

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



1221357



43263



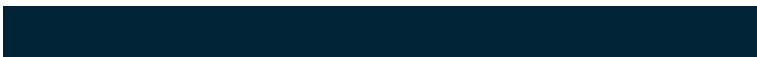
1193965



6975861



30645



9014

Inverse Universe

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



15536802



16711848



15583250



7694961



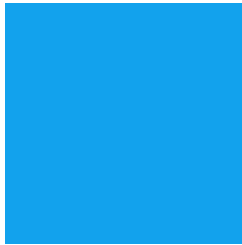
11862135



3538979

Previews

White Background



This preview shows how the Decimal color 1221357 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 1221357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

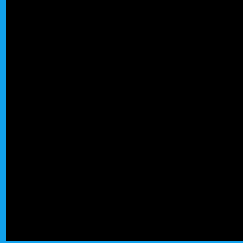
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

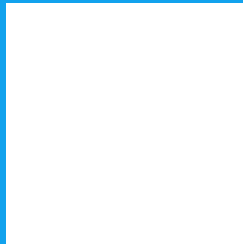
Any Text WCAG AAA ✓ Pass

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

Decimal 1221357 Background



This preview shows how black text looks on a background with the Decimal color 1221357.



This preview shows how white text looks on a background with the Decimal color 1221357.

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
1221357

Protanomaly
5741287

Deuteranomaly
4889838

Monochromacy



Original Color
1221357

Achromatopsia
8355711

Achromatomaly
5737639

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1221357 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 #12A2ED looks like.

```
.text, #text, p{  
    color:#12A2ED  
}
```

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 #12A2ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12A2ED
}
```

Border

The CSS property to change the border of an element to Decimal 1221357 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
#12A2ED }
```

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

```
.border{ border-color:#12A2ED }
```

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

Here you see how a box with a 4 pixel #12A2ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12A2ED; -webkit-box-shadow:4px 4px  
4px 4px #12A2ED; box-shadow:4px 4px 4px  
4px #12A2ED }
```

Background

The CSS property to change the background color of an element to Decimal 1221357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12A2ED }
```

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

```
.background{ background-color:#12A2ED }
```

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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