

Converting Colors

Decimal(1222604)

Have a look what the booklet for
Decimal(1222604) contains.

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Color

Decimal(1222604)

Conversions

Conversions Part 1

Format	Color
Hex	12A7CC
RGB	18, 167, 204
RGB Percent	7%, 65%, 80%
CMY	0.9294, 0.3451, 0.2000
CMYK	0.91, 0.18, 0.00, 0.20
HSL	192°, 84%, 44%
HSV	192°, 91%, 80%
XYZ	24.9673, 32.1257, 62.0117
YIQ	126.6670, -100.6810, -20.0810

Conversions

Conversions Part 2

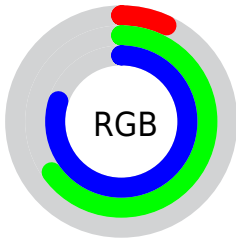
Format	Color
RYB	18, 101, 204
Decimal	1222604
CIELab	63.45, -22.22, -28.80
CIELCh	63, 36.380, 232.349
Yxy	32.1257, 0.2096, 0.2697
Android (android.graphics.Color)	4279412684 (0xFF12A7CC)
YUV	126.6670, 38.1252, -95.3010
Hunter-Lab	56.6795, -20.5601, -25.1921

Details

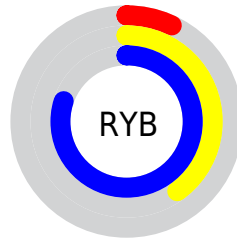
The Decimal color **1222604** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **13383442**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **6938367**, and **29590** is the 20% darker color. If you saturate the color by 10%, you get **41932**, and if you desaturate by 10%, it is **2534348**.

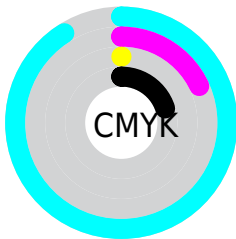
Distribution



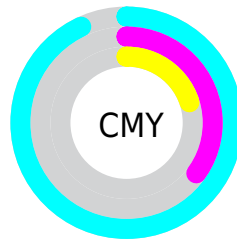
- Red (7%)
- Green (65%)
- Blue (80%)



- Red (7%)
- Yellow (40%)
- Blue (80%)



- Cyan (91%)
- Magenta (18%)
- Yellow (0%)
- Black (20%)

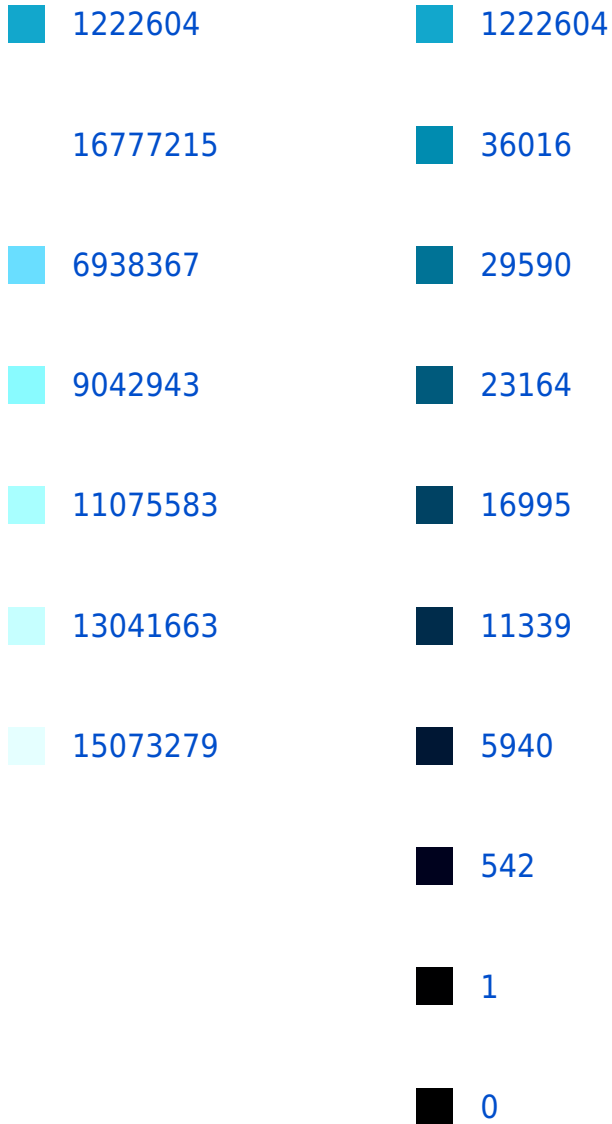


- Cyan (93%)
- Magenta (35%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1222604 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 1222604 by changing the saturation by 10% instead.



■ 1222604

■ 1222604

■ 41932

■ 2534348

■ 3911628

■ 5223372

■ 6600652

■ 7912396

■ 9224140

■ 10601420

■ 11913164

■ 13290700

Harmonies

Analogous

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



43953



1222604



5939161

Triad

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



1222604



13861283



9871196

Complementary

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



1222604



13383442

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.



11965785



1222604



14188931

Square

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



1222604



12224962



13535848



7448177

Rectangle

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



1222604



8427737



13535848



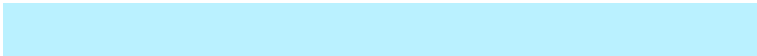
10656857

Sweetspot

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



1222604



12251647



1231924



5732224



0



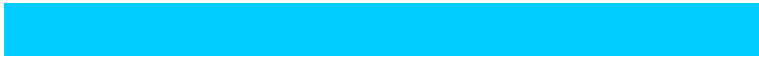
8421504

Same Dimension

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



1222604



52479



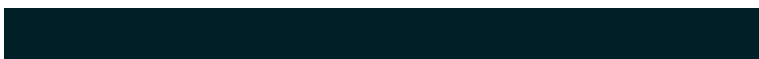
1199564



6055014



34214



7974

Inverse Universe

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



13374119



16711884



13406482



6708324



10879109



2490399

Previews

White Background



This preview shows how the Decimal color 1222604 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 1222604 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 1222604 Background



This preview shows how black text looks on a background with the Decimal color 1222604.



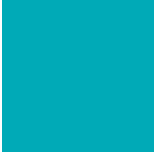
This preview shows how white text looks on a background with the Decimal color 1222604.

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
43703

Trichromacy



Original Color
1222604



Protanomaly
6397380



Deuteranomaly
6135247



Tritanomaly
502207

Monochromacy



Original Color
1222604



Achromatopsia
8355711



Achromatomaly
5738139

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1222604 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 #12A7CC looks like.

```
.text, #text, p{  
  color:#12A7CC  
}
```

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 #12A7CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12A7CC
}
```

Border

The CSS property to change the border of an element to Decimal 1222604 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
#12A7CC }
```

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

```
.border{ border-color:#12A7CC }
```

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

Here you see how a box with a 4 pixel #12A7CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12A7CC; -webkit-box-shadow:4px 4px  
4px 4px #12A7CC; box-shadow:4px 4px 4px  
4px #12A7CC }
```

Background

The CSS property to change the background color of an element to Decimal 1222604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12A7CC }
```

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

```
.background{ background-color:#12A7CC }
```

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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