

Converting Colors

Android(4278232561)

Have a look what the booklet for
Android(4278232561) contains.

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Color

Android(4278232561)

Conversions

Conversions Part 1

Format	Color
Hex	00A5F1
RGB	0, 165, 241
RGB Percent	0%, 65%, 95%
CMY	1.0000, 0.3529, 0.0549
CMYK	1.00, 0.32, 0.00, 0.05
HSL	199°, 100%, 47%
HSV	199°, 100%, 95%
XYZ	29.3323, 33.2611, 88.0932
YIQ	124.3290, -122.7360, -11.3440

Conversions

Conversions Part 2

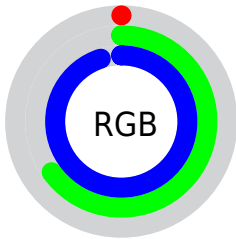
Format	Color
RYB	0, 98, 241
Decimal	42481
CIELab	64.37, -8.54, -47.79
CIELCh	64, 48.547, 259.866
Yxy	33.2611, 0.1947, 0.2207
Android (android.graphics.Color)	4278232561 (0xFF00A5F1)
YUV	124.3290, 57.5188, -109.0365
Hunter-Lab	57.6725, -10.1414, -50.1932

Details

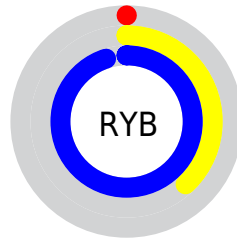
The Android color **4278232561** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle saturated azure. A complement of this color would be **4294003712**, and the grayscale version is **4286348412**.

A 20% lighter version of the original color is **4285390079**, and **4278219448** is the 20% darker color. If you saturate the color by 10%, you get **4278232561**, and if you desaturate by 10%, it is **4279807473**.

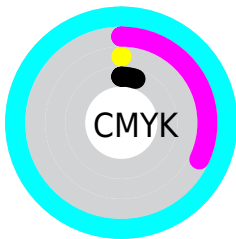
Distribution



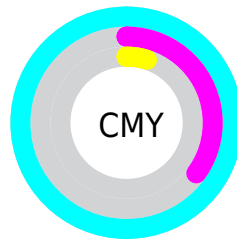
- Red (0%)
- Green (65%)
- Blue (95%)



- Red (0%)
- Yellow (38%)
- Blue (95%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (35%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278232561 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 Android color 4278232561 by changing the saturation by 10% instead.

 4278232561

 4278232561

4294967295

 4278225876

 4285390079


 4278219448

 4287625471

 4278213021

 4289724415

 4278207107

 4291756031

 4278201705

 4293853183

 4278196560

 4278191417

 4278190626

 4278190089

 4278232561

 4279807473

 4281382129

 4282957041

 4284531697

 4286106609

 4287747057

 4289321713

 4290896625

 4292471281

Harmonies

Analogous

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



4278234845



4278232561



4287076078

Triad

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



4278232561



4293753217



4284918882

Complementary

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



4278232561



4294003712

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.



4288258887



4278232561



4292904283

Square

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



4278232561



4293228973



4290942277



4278235531

Rectangle

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



4278232561



4289891295



4290942277



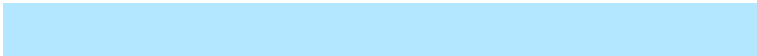
4286163287

Sweetspot

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



4278232561



4289980415



4278251848



4283593088



4278190080



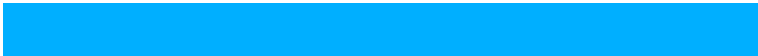
4286611584

Same Dimension

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



4278232561



4278235135



4278202609



4285297784



4278222520



4278199864

Inverse Universe

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



4293984421



4294901935



4294033664



4286082164



4290248830



4281860134

Previews

White Background



This preview shows how the Android color 4278232561 looks on a white background.

Color Contrast Check

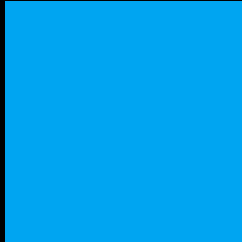
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4278232561 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

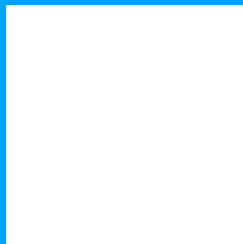
Any Text WCAG AAA ✓ Pass

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

Android 4278232561 Background



This preview shows how black text looks on a background with the Android color 4278232561.



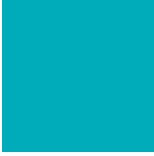
This preview shows how white text looks on a background with the Android color 4278232561.

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

4278232561



Protanomaly

4283604458



Deuteranomaly

4282687474



Tritanomaly

4278233549

Monochromacy



Original Color

4278232561



Achromatopsia

4286348412



Achromatomaly

4283403175

CSS Examples

Text

The CSS property to change the color of the text to Android 4278232561 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 `rgb(0, 165, 241)` looks like.

```
.text, #text, p{  
    color:rgb(0, 165, 241)  
}
```

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 rgb(0, 165, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 165, 241) }
```

Border

The CSS property to change the border of an element to Android 4278232561 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 rgb(0, 165, 241) }
```

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

```
.border{ border-color:rgb(0, 165, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 165, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 165, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 165, 241);  
box-shadow:4px 4px 4px 4px rgb(0, 165,  
241) }
```

Background

The CSS property to change the background color of an element to Android 4278232561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 165, 241) }
```

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

```
.background{ background-color: rgb(0, 165,  
241) }
```

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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