Converting Colors

Android(4291553002)

Have a look what the booklet for Android(4291553002) contains.

Color

Android(4291553002)

Conversions

Conversions Part 1

Format	Color
Hex	CBE6EA
RGB	203, 230, 234
RGB Percent	80%, 90%, 92%
CMY	0.2039, 0.0980, 0.0824
CMYK	0.13, 0.02, 0.00, 0.08
HSL	188°, 42%, 86%
HSV	188°, 13%, 92%
XYZ	67.7767, 75.2307, 88.7907
YIQ	222.3830, -17.3760, -4.4800

Conversions

Conversions Part 2

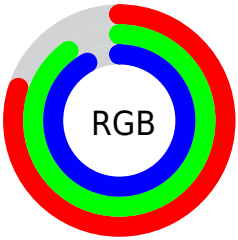
Format	Color
RYB	203, 217, 234
Decimal	13362922
CIELab	89.50, -8.04, -4.95
CIELCh	90, 9.447, 211.630
Yxy	75.2307, 0.2924, 0.3246
Android (android.graphics.Color)	4291553002 (0xFFCBE6EA)
YUV	222.3830, 5.7272, -16.9989
Hunter-Lab	86.7356, -12.3043, 0.0201

Details

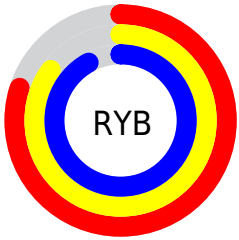
The Android color 4291553002 is a light color, and the websafe version is hex CCFFFF. A complement of this color would be 4293578699, and the grayscale version is 4292796126.

A 20% lighter version of the original color is 4294967295, and 4287999922 is the 20% darker color. If you saturate the color by 10%, you get 4290044906, and if you desaturate by 10%, it is 4293061098.

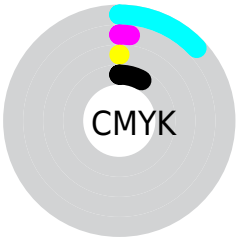
Distribution



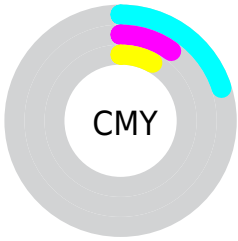
- Red (80%)
- Green (90%)
- Blue (92%)



- Red (80%)
- Yellow (85%)
- Blue (92%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (8%)



- Cyan (20%)
- Magenta (10%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291553002 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 4291553002 by changing the saturation by 10% instead.

4291553002

4294967295

4291553002

4289710798

4287999922

4286289048

4284578430

4282999141

4281485645

4280038198

4278591009

4278190090

4291553002	4291553002
4290044906	4293061098
4288471274	4294634730
4286963178	4294963178
4285389546	4294963946
4283881450	4294964714
4282373354	4294965482
4280799722	4294966250
4279291626	4294967018
4278242538	4294967274

Harmonies

Analogous

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

4291684065

4291553002

4291814640

Triad

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

4291553002

4293778666

4293451983

Complementary

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

4291553002

4293578699

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.

4293975761

4291553002

4294237153

Square

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

4291553002

4293189616

4294302936

4292797394

Rectangle

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

4291553002

4292207347

4294302936

4293648335

Sweetspot

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

4291553002

4294311679

4291553999

4286152576

4278190080

4286611584

Same Dimension

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

4291553002

4292279039

4291549162

4285166709

4278230709

4278202166

Inverse Universe

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

4293577702

4294956794

4293582539

4285885044

4290052254

4281729071

Previews

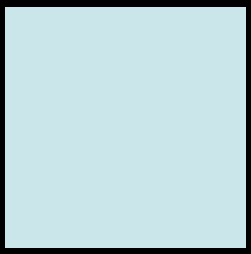
White Background

This preview shows how the Android color 4291553002 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



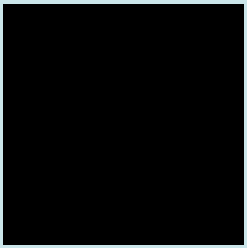
This preview shows how the Android color 4291553002 looks on a black background.

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 4291553002 Background



This preview shows how black text looks on a background with the Android color 4291553002.

This preview shows how white text looks on a background with the Android color 4291553002.

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

Original Color
4291553002

Protanopia
4293124070

Deuteranopia
4294040300

Tritanopia
4291683574

Trichromacy

Original Color
4291553002

Protanomaly
4292535015

Deuteranomaly
4293123819

Tritanomaly
4291618290

Monochromacy

Original Color
4291553002

Achromatopsia
4292796126

Achromatomaly
4292338146

CSS Examples

Text

The CSS property to change the color of the text to Android 4291553002 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(203, 230, 234) looks like.

```
.text, #text, p{
    color:rgb(203, 230, 234)
}
```

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(203, 230, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 230, 234) }
```

Border

The CSS property to change the border of an element to Android 4291553002 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(203, 230, 234) }
```

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

```
.border{ border-color:rgb(203, 230, 234) }
```

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

Here you see how a box with a 4 pixel rgb(203, 230, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 230, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 230, 234); box-shadow:4px 4px 4px 4px rgb(203, 230, 234) }
```

Background

The CSS property to change the background color of an element to Android 4291553002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(203, 230, 234) }
```

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

```
.background{ background-color:rgb(203,
230, 234) }
```

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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