

Converting Colors

Android(4291020008)

Have a look what the booklet for
Android(4291020008) contains.

Android(4291020008)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4291020008)

Conversions

Conversions Part 1

Format	Color
Hex	C3C4E8
RGB	195, 196, 232
RGB Percent	76%, 77%, 91%
CMY	0.2353, 0.2314, 0.0902
CMYK	0.16, 0.16, 0.00, 0.09
HSL	238°, 45%, 84%
HSV	238°, 16%, 91%
XYZ	56.8111, 56.9082, 84.3340
YIQ	199.8050, -12.1520, 10.9840

Conversions

Conversions Part 2

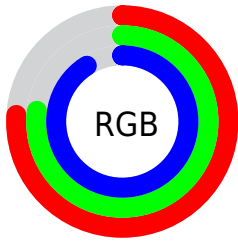
Format	Color
R_{YB}	195, 196, 232
Decimal	12829928
CIE _{Lab}	80.13, 6.84, -17.93
CIE _{LCh}	80, 19.193, 290.865
Yxy	56.9082, 0.2868, 0.2873
Android (android.graphics.Color)	4291020008 (0xFFC3C4E8)
YUV	199.8050, 15.8721, -4.2140
Hunter-Lab	75.4375, 2.4106, -13.4760

Details

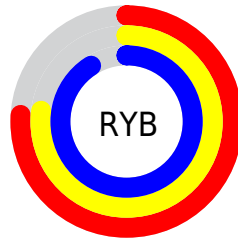
The Android color `4291020008` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `4293453763`, and the grayscale version is `4291348680`.

A 20% lighter version of the original color is `4294770175`, and `4287467184` is the 20% darker color. If you saturate the color by 10%, you get `4289506792`, and if you desaturate by 10%, it is `4292533224`.

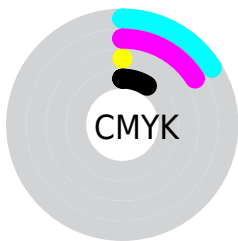
Distribution



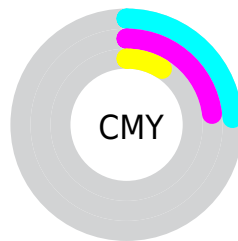
- Red (76%)
- Green (77%)
- Blue (91%)



- Red (76%)
- Yellow (77%)
- Blue (91%)



- Cyan (16%)
- Magenta (16%)
- Yellow (0%)
- Black (9%)



- Cyan (24%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4291020008 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 4291020008 by changing the saturation by 10% instead.



4291020008



4291020008

4294967295



4289243596



4294770175



4287467184



4285756822



4284111996



4282533219



4281020235



4279573044



4278190111



4278190082

■ 4291020008

■ 4291020008

■ 4289506792

■ 4292533224

■ 4287993832

■ 4294046184

■ 4286415080

■ 4294967272

■ 4284902120

■ 4283388904

■ 4281875944

■ 4280362728

■ 4278783976

■ 4278191848

Harmonies

Analogous

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



4289514218



4291020008



4292460253

Triad

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



4291020008



4293443244



4288795072

Complementary

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



4291020008



4293453763

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.



4289973936



4291020008



4292527268

Square

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



4291020008



4293770171



4291283365



4288139731

Rectangle

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



4291020008



4293180627



4291283365



4289122490

Sweetspot

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



4291020008



4294112255



4291029223



4286085248



4278190080



4286611584

Same Dimension

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



4291020008



4291809535



4292133864



4284967027



4278191539



4278190387

Inverse Universe

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



4293444548



4294954960



4292339907



4285753192



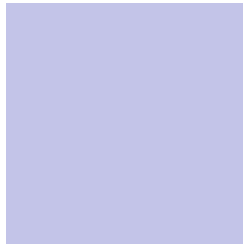
4289921029



4281532417

Previews

White Background



This preview shows how the Android color 4291020008 looks on a white background.

Color Contrast Check

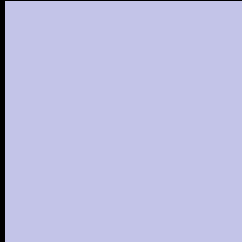
Large Text (above 18pt) WCAG AA × Fail

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 4291020008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

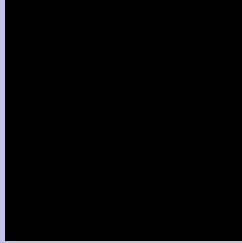
Any Text WCAG AA ✓ Pass

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 4291020008 Background



This preview shows how black text looks on a background with the Android color 4291020008.



This preview shows how white text looks on a background with the Android color 4291020008.

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
4291020008

Protanopia
4290823657

Deuteranopia
4291478248



Tritanopia
4290824151

Trichromacy



Original Color
4291020008

Protanomaly
4290889193

Deuteranomaly
4291281896

Tritanomaly
4290889437

Monochromacy



Original Color
4291020008

Achromatopsia
4291348680

Achromatomaly
4291217364

CSS Examples

Text

The CSS property to change the color of the text to Android 4291020008 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(195, 196, 232)` looks like.

```
.text, #text, p{  
    color:rgb(195, 196, 232)  
}
```

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(195, 196, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 196, 232) }
```

Border

The CSS property to change the border of an element to Android 4291020008 is called "border". The border property can be set on classes, ids or directly on the HTML element.

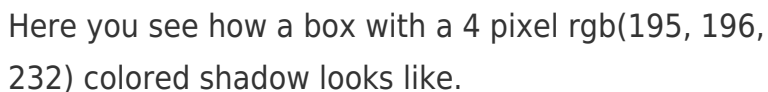
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 196, 232) }
```

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

```
.border{ border-color:rgb(195, 196, 232) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 196, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 196, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 196, 232); box-shadow:4px 4px 4px 4px rgb(195, 196, 232) }
```

Background

The CSS property to change the background color of an element to Android 4291020008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 196, 232) }
```

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

```
.background{ background-color: rgb(195,  
196, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor