

Converting Colors

Android(4280749508)

Have a look what the booklet for
Android(4280749508) contains.

Android(4280749508)	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(4280749508)

Conversions

Conversions Part 1

Format	Color
Hex	270DC4
RGB	39, 13, 196
RGB Percent	15%, 5%, 77%
CMY	0.8471, 0.9490, 0.2314
CMYK	0.80, 0.93, 0.00, 0.23
HSL	249°, 88%, 41%
HSV	249°, 93%, 77%
XYZ	10.9444, 4.7047, 52.5558
YIQ	41.6360, -43.2470, 62.4250

Conversions

Conversions Part 2

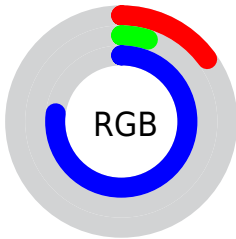
Format	Color
RYB	39, 13, 196
Decimal	2559428
CIELab	25.88, 62.75, -84.69
CIELCh	26, 105.400, 306.538
Yxy	4.7047, 0.1605, 0.0690
Android (android.graphics.Color)	4280749508 (0xFF270DC4)
YUV	41.6360, 76.1015, -2.3118
Hunter-Lab	21.6903, 52.1088, -128.4768

Details

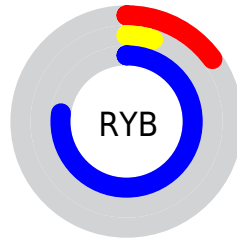
The Android color **4280749508** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **4289381389**, and the grayscale version is **4280887593**.

A 20% lighter version of the original color is **4285744894**, and **4278190220** is the 20% darker color. If you saturate the color by 10%, you get **4280025284**, and if you desaturate by 10%, it is **4281868740**.

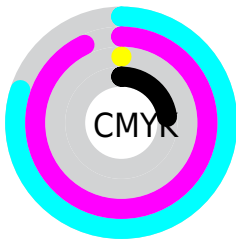
Distribution



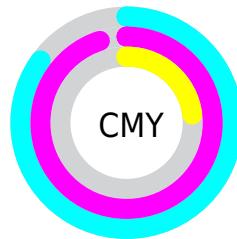
- Red (15%)
- Green (5%)
- Blue (77%)



- Red (15%)
- Yellow (5%)
- Blue (77%)



- Cyan (80%)
- Magenta (93%)
- Yellow (0%)
- Black (23%)



- Cyan (85%)
- Magenta (95%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280749508 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 4280749508 by changing the saturation by 10% instead.

 4280749508

 4280749508

4294967295

 4278190248

 4285744894


 4278190220

 4287848703

 4278190194

 4289886975

 4278192984

 4291925503

 4278191936

 4294029823

 4278190889

 4294954495

 4278190355

 4294961919

 4278190080

 4280749508

 4280749508

■ 4280025284

■ 4281868740

■ 4282987716

■ 4284041412

■ 4285160388

■ 4286279620

■ 4287398852

■ 4288517828

■ 4289637060

■ 4290690500

Harmonies

Analogous

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



4278208998



4280749508



4288675967

Triad

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



4280749508



4286256128



4278211918

Complementary

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



4280749508



4289381389

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.



4278211072



4280749508



4282138880

Square

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



4280749508



4289134592



4278210048



4278212511

Rectangle

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



4280749508



4290117707



4278210048



4278211634

Sweetspot

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



4280749508



4290951423



4279086276



4284109952



4278190080



4286611584

Same Dimension

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



4280749508



4280549631



4286647748



4284045153



4279697569



4278517793

Inverse Universe

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



4291038634



4294901979



4283483149



4284569440



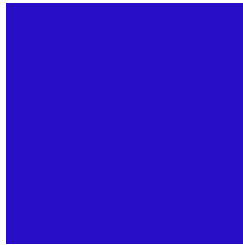
4288741514



4280352796

Previews

White Background



This preview shows how the Android color 4280749508 looks on a white background.

Color Contrast Check

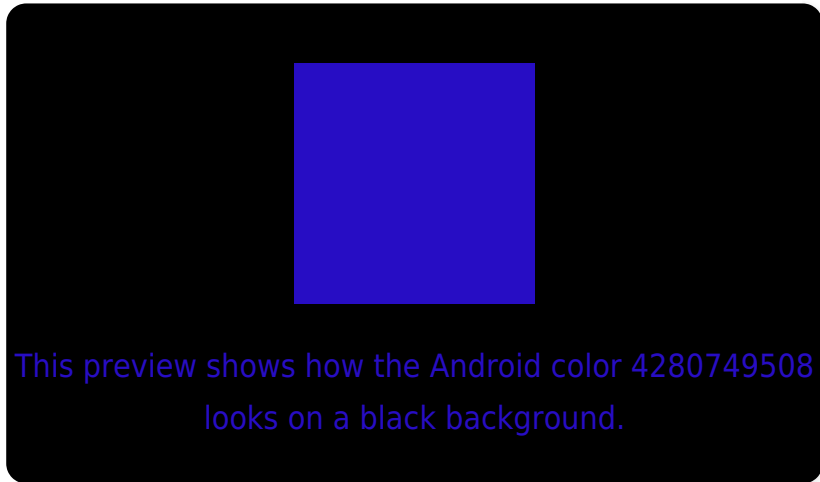
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

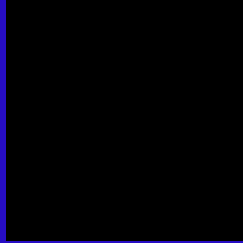
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4280749508 Background



This preview shows how black text looks on a background with the Android color 4280749508.



This preview shows how white text looks on a background with the Android color 4280749508.

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
4280749508

Protanopia
4278205566

Deuteranopia
4278206571

Trichromacy



Original Color
4280749508

Protanomaly
4279118743

Deuteranomaly
4279119243

Tritanomaly
4279120246

Monochromacy



Original Color
4280749508

Achromatopsia
4280953386

Achromatomaly
4280885090

CSS Examples

Text

The CSS property to change the color of the text to Android 4280749508 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(39, 13, 196)` looks like.

```
.text, #text, p{  
    color:rgb(39, 13, 196)  
}
```

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(39, 13, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 13, 196) }
```

Border

The CSS property to change the border of an element to Android 4280749508 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(39, 13, 196) }
```

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

```
.border{ border-color:rgb(39, 13, 196) }
```

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

Here you see how a box with a 4 pixel rgb(39, 13, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 13, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 13, 196);  
box-shadow:4px 4px 4px 4px rgb(39, 13,  
196) }
```

Background

The CSS property to change the background color of an element to Android 4280749508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 13, 196) }
```

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

```
.background{ background-color: rgb(39, 13,  
196) }
```

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