

Converting Colors

Android(4280972792)

Have a look what the booklet for
Android(4280972792) contains.

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Color

Android(4280972792)

Conversions

Conversions Part 1

Format	Color
Hex	2A75F8
RGB	42, 117, 248
RGB Percent	16%, 46%, 97%
CMY	0.8353, 0.5412, 0.0275
CMYK	0.83, 0.53, 0.00, 0.03
HSL	218°, 94%, 57%
HSV	218°, 83%, 97%
XYZ	24.2594, 19.9921, 91.3872
YIQ	109.5090, -86.7510, 24.8410

Conversions

Conversions Part 2

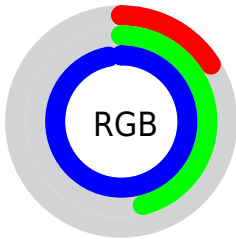
Format	Color
R _Y B	42, 97, 248
Decimal	2782712
CIE Lab	51.83, 24.80, -71.71
CIE LCh	52, 75.879, 289.077
Yxy	19.9921, 0.1789, 0.1474
Android (android.graphics.Color)	4280972792 (0xFF2A75F8)
YUV	109.5090, 68.2761, -59.2054
Hunter-Lab	44.7126, 18.6006, -89.8830

Details

The Android color `4280972792` is a dark color, and the websafe version is hex `0066FF`. The color can be described as middle washed azure. A complement of this color would be `4294487338`, and the grayscale version is `4285361517`.

A 20% lighter version of the original color is `4286228735`, and `4278208191` is the 20% darker color. If you saturate the color by 10%, you get `4279330296`, and if you desaturate by 10%, it is `4282615288`.

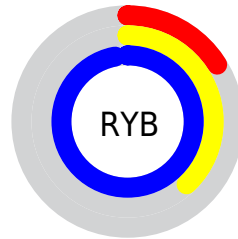
Distribution



Red (16%)

Green (46%)

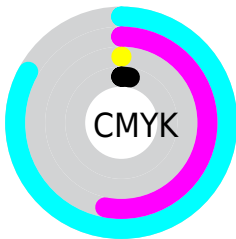
Blue (97%)



Red (16%)

Yellow (38%)

Blue (97%)

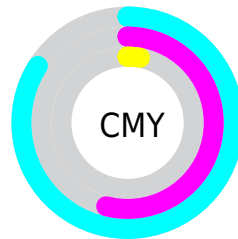


Cyan (83%)

Magenta (53%)

Yellow (0%)

Black (3%)



Cyan (84%)

Magenta (54%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280972792 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 4280972792 by changing the saturation by 10% instead.

 4280972792

 4280972792

4294967295

 4278214107

 4286228735

 4278208191

 4288398335

 4278202787

 4290502655

 4278197896

 4292541695

 4278191982

 4294639615

 4278192980

 4278191676

 4278190629

 4278190350

■ 4280972792

■ 4280972792

■ 4279330296

■ 4282615288

■ 4278213368

■ 4284257784

■ 4285834488

■ 4287476984

■ 4289119480

■ 4290761976

■ 4292404216

■ 4293981176

■ 4294967288

Harmonies

Analogous

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



4278225916



4280972792



4289745874

Triad

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



4280972792



4292170003



4278228577

Complementary

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



4280972792



4294487338

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.



4278227223



4280972792



4289294336

Square

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



4280972792



4293602134



4285498624



4278229156

Rectangle

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



4280972792



4292229035



4285498624



4278228298

Sweetspot

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



4280972792



4290762495



4281006252



4284049280



4278190080



4286611584

Same Dimension

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



4280972792



4278214143



4282723064



4285560189



4278207933



4278195773

Inverse Universe

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



4294453877



4294901853



4292737066



4286410869



4290576453



4282187798

Previews

White Background



This preview shows how the Android color 4280972792 looks on a white background.

Color Contrast Check

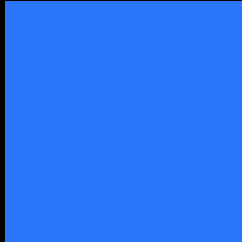
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280972792 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

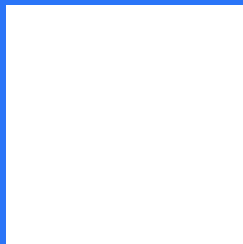
Any Text WCAG AAA × Fail

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

Android 4280972792 Background



This preview shows how black text looks on a background with the Android color 4280972792.



This preview shows how white text looks on a background with the Android color 4280972792.

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

4280972792

Protanopia

4279727865

Deuteranopia

4278222297

Trichromacy



Original Color

4280972792

Protanomaly

4280186617

Deuteranomaly

4279204580

Tritanomaly

4279206326

Monochromacy



Original Color

4280972792

Achromatopsia

4285427310

Achromatomaly

4283789728

CSS Examples

Text

The CSS property to change the color of the text to Android 4280972792 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(42, 117, 248)` looks like.

```
.text, #text, p{  
    color:rgb(42, 117, 248)  
}
```

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(42, 117, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 117, 248) }
```

Border

The CSS property to change the border of an element to Android 4280972792 is called "border". The border property can be set on classes, ids or directly on the HTML element.

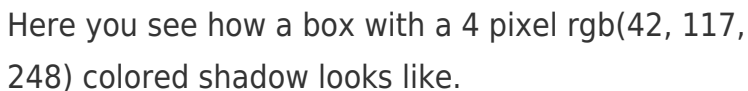
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(42, 117, 248) }
```

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

```
.border{ border-color:rgb(42, 117, 248) }
```

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



Here you see how a box with a 4 pixel `rgb(42, 117, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(42, 117, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(42, 117, 248); box-shadow:4px 4px 4px 4px rgb(42, 117, 248) }
```

Background

The CSS property to change the background color of an element to Android 4280972792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 117, 248) }
```

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

```
.background{ background-color: rgb(42, 117,  
248) }
```

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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