

Converting Colors

Android(4278212602)

Have a look what the booklet for
Android(4278212602) contains.

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Color

Android(4278212602)

Conversions

Conversions Part 1

Format	Color
Hex	0057FA
RGB	0, 87, 250
RGB Percent	0%, 34%, 98%
CMY	1.0000, 0.6588, 0.0196
CMYK	1.00, 0.65, 0.00, 0.02
HSL	219°, 100%, 49%
HSV	219°, 100%, 98%
XYZ	20.6635, 13.7185, 92.0013
YIQ	79.5690, -104.1750, 32.2490

Conversions

Conversions Part 2

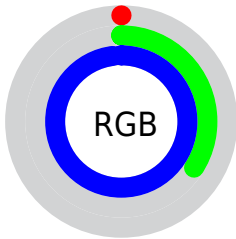
Format	Color
R _Y B	0, 65, 250
Decimal	22522
CIE Lab	43.83, 42.78, -85.93
CIE LCh	44, 95.987, 296.464
Yxy	13.7185, 0.1635, 0.1085
Android (android.graphics.Color)	4278212602 (0xFF0057FA)
YUV	79.5690, 84.0225, -69.7820
Hunter-Lab	37.0385, 34.7664, -121.3456

Details

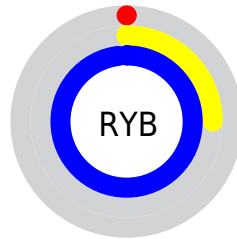
The Android color `4278212602` is a dark color, and the websafe version is hex `3366FF`. The color can be described as dark saturated blue. A complement of this color would be `4294615808`, and the grayscale version is `4283387727`.

A 20% lighter version of the original color is `4285696255`, and `4278201280` is the 20% darker color. If you saturate the color by 10%, you get `4278212602`, and if you desaturate by 10%, it is `4279855098`.

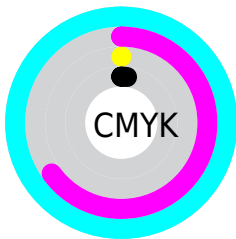
Distribution



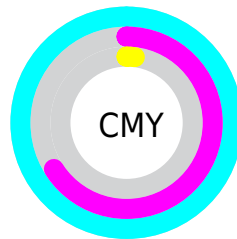
- Red (0%)
- Green (34%)
- Blue (98%)



- Red (0%)
- Yellow (25%)
- Blue (98%)



- Cyan (100%)
- Magenta (65%)
- Yellow (0%)
- Black (2%)



















- Cyan (100%)
- Magenta (66%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278212602 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 4278212602 by changing the saturation by 10% instead.

 4278212602	 4278212602
4294967295	 4278206685
 4285696255	 4278201280
 4287931391	 4278196644
 4290100991	 4278192009
 4292205055	 4278192238
 4294309631	 4278193237
	 4278191677
	 4278190630
	 4278190351

 4278212602

 4279855098

 4281497850

 4283140346

 4284782842

 4286425338

 4288068090

 4289710586

 4291353082

 4292995834

Harmonies

Analogous

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



4278220799



4278212602



4290248898

Triad

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



4278212602



4290786560



4278223964

Complementary

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



4278212602



4294615808

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.



4278222848



4278212602



4287062528

Square

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



4278212602



4293132328



4281628416



4278224558

Rectangle

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



4278212602



4292673679



4281628416



4278223679

Sweetspot

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



4278212602



4289973759



4278254242



4283589248



4278190080



4286611584

Same Dimension

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



4278212602



4278213119



4280680698



4285560189



4278207165



4278195517

Inverse Universe

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



4294574167



4294901849



4292147712



4286410869



4290576450



4282187797

Previews

White Background



This preview shows how the Android color 4278212602 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 × Fail

Black Background



This preview shows how the Android color 4278212602 looks on a black 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

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

Android 4278212602 Background



This preview shows how black text looks on a background with the Android color 4278212602.



This preview shows how white text looks on a background with the Android color 4278212602.

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
4278212602

Protanomaly
4278214624

Deuteranomaly
4278215629

Tritanomaly
4278216872

Monochromacy



Original Color
4278212602

Achromatopsia
4283453520

Achromatomaly
4281553806

CSS Examples

Text

The CSS property to change the color of the text to Android 4278212602 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, 87, 250)` looks like.

```
.text, #text, p{  
    color:rgb(0, 87, 250)  
}
```

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, 87, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 87, 250) }
```

Border

The CSS property to change the border of an element to Android 4278212602 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, 87, 250) }
```

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

```
.border{ border-color:rgb(0, 87, 250) }
```

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

Here you see how a box with a 4 pixel rgb(0, 87, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 87, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 87, 250);  
box-shadow:4px 4px 4px 4px rgb(0, 87, 250)  
}
```

Background

The CSS property to change the background color of an element to Android 4278212602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 87, 250) }
```

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

```
.background{ background-color: rgb(0, 87,  
250) }
```

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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