

Converting Colors

Android(4278212810)

Have a look what the booklet for
Android(4278212810) contains.

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Color

Android(4278212810)

Conversions

Conversions Part 1

Format	Color
Hex	0058CA
RGB	0, 88, 202
RGB Percent	0%, 35%, 79%
CMY	1.0000, 0.6549, 0.2078
CMYK	1.00, 0.56, 0.00, 0.21
HSL	214°, 100%, 40%
HSV	214°, 100%, 79%
XYZ	14.1504, 11.2437, 57.3016
YIQ	74.6840, -89.0420, 16.7980

Conversions

Conversions Part 2

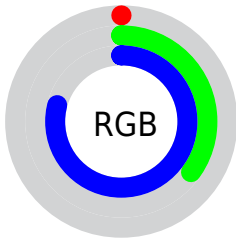
Format	Color
RYB	0, 61, 202
Decimal	22730
CIELab	39.99, 23.67, -64.94
CIELCh	40, 69.122, 290.028
Yxy	11.2437, 0.1711, 0.1360
Android (android.graphics.Color)	4278212810 (0xFF0058CA)
YUV	74.6840, 62.7668, -65.4979
Hunter-Lab	33.5316, 16.6468, -77.8473

Details

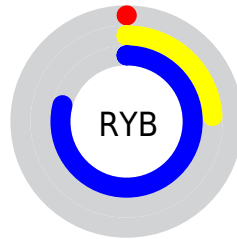
The Android color `4278212810` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark washed blue. A complement of this color would be `4291457536`, and the grayscale version is `4283058762`.

A 20% lighter version of the original color is `4284713471`, and `4278201491` is the 20% darker color. If you saturate the color by 10%, you get `4278212810`, and if you desaturate by 10%, it is `4279526346`.

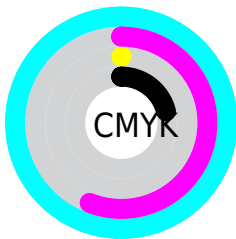
Distribution



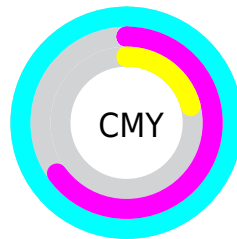
- Red (0%)
- Green (35%)
- Blue (79%)



- Red (0%)
- Yellow (24%)
- Blue (79%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (21%)



- Cyan (100%)
- Magenta (65%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278212810 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 4278212810 by changing the saturation by 10% instead.

 4278212810

 4278212810

4294967295

 4278206894

 4284713471

 4278201491

 4286817279

 4278196856

 4288855807

 4278190175

 4290894591

 4278192198

 4292867839

 4278191151

4294901759

 4278190361

 4278190080

 4278212810

■ 4279526346

■ 4280840138

■ 4282219210

■ 4283533002

■ 4284846538

■ 4286160074

■ 4287473866

■ 4288852938

■ 4290166730

Harmonies

Analogous

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



4278217679



4278212810



4287445160

Triad

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



4278212810



4289280000



4278219849

Complementary

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



4278212810



4291457536

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.



4278218753



4278212810



4286797056

Square

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



4278212810



4290577724



4283459328



4278220420

Rectangle

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



4278212810



4289534086



4283459328



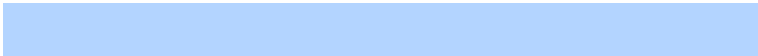
4278219573

Sweetspot

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



4278212810



4289975551



4278241903



4283590272



4278190080



4286611584

Same Dimension

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



4278212810



4278218751



4278845642



4284244070



4278208678



4278194470

Inverse Universe

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



4291428440



4294901871



4290824704



4284898400



4289069128



4280680465

Previews

White Background



This preview shows how the Android color 4278212810 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 4278212810 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 4278212810 Background



This preview shows how black text looks on a background with the Android color 4278212810.



This preview shows how white text looks on a background with the Android color 4278212810.

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

4278212810

Protanopia

4278213568

Deuteranopia

4278214821

Trichromacy



Original Color
4278212810

Protanomaly
4278213316

Deuteranomaly
4278214066

Tritanomaly
4278215568

Monochromacy



Original Color
4278212810

Achromatopsia
4283124555

Achromatomaly
4281356409

CSS Examples

Text

The CSS property to change the color of the text to Android 4278212810 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, 88, 202)` looks like.

```
.text, #text, p{  
    color:rgb(0, 88, 202)  
}
```

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, 88, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 88, 202) }
```

Border

The CSS property to change the border of an element to Android 4278212810 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, 88, 202) }
```

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

```
.border{ border-color:rgb(0, 88, 202) }
```

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

Here you see how a box with a 4 pixel rgb(0, 88, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 88, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 88, 202);  
box-shadow:4px 4px 4px 4px rgb(0, 88, 202)  
}
```

Background

The CSS property to change the background color of an element to Android 4278212810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 88, 202) }
```

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

```
.background{ background-color: rgb(0, 88,  
202) }
```

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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