

Converting Colors

Android(4278212863)

Have a look what the booklet for
Android(4278212863) contains.

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Color

Android(4278212863)

Conversions

Conversions Part 1

Format	Color
Hex	0058FF
RGB	0, 88, 255
RGB Percent	0%, 35%, 100%
CMY	1.0000, 0.6549, 0.0000
CMYK	1.00, 0.65, 0.00, 0.00
HSL	219°, 100%, 50%
HSV	219°, 100%, 100%
XYZ	21.5397, 14.1994, 96.2132
YIQ	80.7260, -106.0550, 33.2810

Conversions

Conversions Part 2

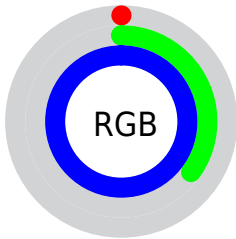
Format	Color
R _{YB}	0, 65, 255
Decimal	22783
CIE Lab	44.52, 43.99, -87.58
CIE LCh	45, 98.006, 296.668
Yxy	14.1994, 0.1632, 0.1076
Android (android.graphics.Color)	4278212863 (0xFF0058FF)
YUV	80.7260, 85.9171, -70.7967
Hunter-Lab	37.6822, 36.0897, -125.0067

Details

The Android color `4278212863` 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 `4294944512`, and the grayscale version is `4283453520`.

A 20% lighter version of the original color is `4285762303`, and `4278201541` is the 20% darker color. If you saturate the color by 10%, you get `4278212863`, and if you desaturate by 10%, it is `4279855615`.

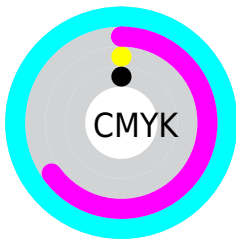
Distribution



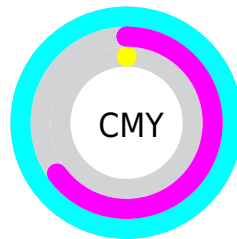
- Red (0%)
- Green (35%)
- Blue (100%)



- Red (0%)
- Yellow (25%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Android color 4278212863 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 4278212863 by changing the saturation by 10% instead.

 4278212863

 4278212863

4294967295

 4278206946

 4285762303

 4278201541

 4288062719

 4278196649

 4290232319

 4278192525

 4292336639

 4278191731

 4294506495

 4278193497


 4278191936

 4278190889

 4278190356

 4278212863

 4279855615

 4281563647


 4283271935

 4284914687

 4286622975

 4288265471

 4289973759

 4291616511

 4293324543

Harmonies

Analogous

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



4278221311



4278212863



4290511045

Triad

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



4278212863



4291048960



4278224478

Complementary

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



4278212863



4294944512

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.



4278223360



4278212863



4287194112

Square

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



4278212863



4293394471



4281563392



4278225074

Rectangle

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



4278212863



4292935825



4281563392



4278224192

Sweetspot

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



4278212863



4289973759



4278255526



4283588992



4278190080



4286611584

Same Dimension

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



4278212863



4280680703



4285757312



4278207167



4278195776

Inverse Universe

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



4294901848



4292476672



4286608247



4290707522



4282384406

Previews

White Background



This preview shows how the Android color 4278212863 looks on a white background.

Color Contrast Check

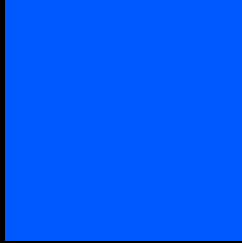
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278212863 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 4278212863 Background



This preview shows how black text looks on a background with the Android color 4278212863.



This preview shows how white text looks on a background with the Android color 4278212863.

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

4278212863

Protanopia

4278216149

Deuteranopia

4278217654

Trichromacy



Original Color
4278212863

Protanomaly
4278214884

Deuteranomaly
4278215889

Tritanomaly
4278217386

Monochromacy



Original Color
4278212863

Achromatopsia
4283519313

Achromatomaly
4281619600

CSS Examples

Text

The CSS property to change the color of the text to Android 4278212863 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 88, 255)  
}
```

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, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 88, 255) }
```

Border

The CSS property to change the border of an element to Android 4278212863 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, 255) }
```

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

```
.border{ border-color:rgb(0, 88, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 88, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 88, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 88, 255)  
}
```

Background

The CSS property to change the background color of an element to Android 4278212863 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, 255) }
```

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

```
.background{ background-color: rgb(0, 88,  
255) }
```

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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