

Converting Colors

Android(4278218163)

Have a look what the booklet for
Android(4278218163) contains.

Android(4278218163)	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(4278218163)

Conversions

Conversions Part 1

Format	Color
Hex	006DB3
RGB	0, 109, 179
RGB Percent	0%, 43%, 70%
CMY	1.0000, 0.5725, 0.2980
CMYK	1.00, 0.39, 0.00, 0.30
HSL	203°, 100%, 35%
HSV	203°, 100%, 70%
XYZ	13.6053, 14.1920, 44.6701
YIQ	84.3890, -87.4340, -1.3380

Conversions

Conversions Part 2

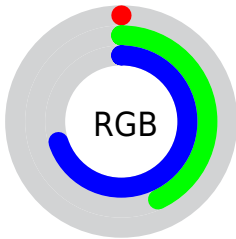
Format	Color
RYB	0, 68, 179
Decimal	28083
CIELab	44.51, 0.75, -44.29
CIELCh	45, 44.294, 270.967
Yxy	14.1920, 0.1877, 0.1958
Android (android.graphics.Color)	4278218163 (0xFF006DB3)
YUV	84.3890, 46.6432, -74.0092
Hunter-Lab	37.6722, -1.4611, -43.9330

Details

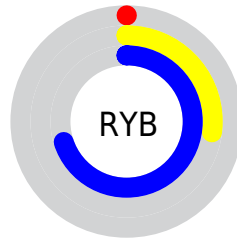
The Android color `4278218163` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289938944`, and the grayscale version is `4283716692`.

A 20% lighter version of the original color is `4284260587`, and `4278206078` is the 20% darker color. If you saturate the color by 10%, you get `4278218163`, and if you desaturate by 10%, it is `4279399603`.

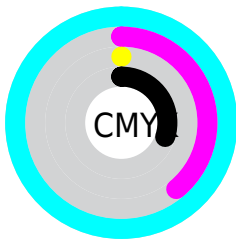
Distribution



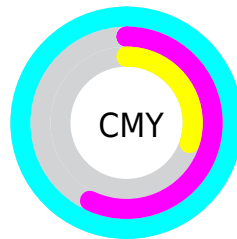
- Red (0%)
- Green (43%)
- Blue (70%)



- Red (0%)
- Yellow (27%)
- Blue (70%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (57%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278218163 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 4278218163 by changing the saturation by 10% instead.

 4278218163

 4278218163

4294967295

 4278211992

 4284260587

 4278206078

 4286233599

 4278200676

 4288206847

 4278195532

 4290180095

 4278191412

 4292149247

 4278190622

 4294115327

 4278190081

 4278190080

 4278218163

■ 4279399603

■ 4280581043

■ 4281762483

■ 4282943923

■ 4284125363

■ 4285241267

■ 4286422707

■ 4287604147

■ 4288785587

Harmonies

Analogous

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



4278220457



4278218163



4285226921

Triad

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



4278218163



4289350725



4280186948

Complementary

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



4278218163



4289938944

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.



4283920933



4278218163



4288240168

Square

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



4278218163



4289415018



4286343193



4278221673

Rectangle

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



4278218163



4287321240



4286343193



4281759544

Sweetspot

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



4278218163



4288859624



4278235973



4283131253



4294309365



4285887861

Same Dimension

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



4278218163



4278226408



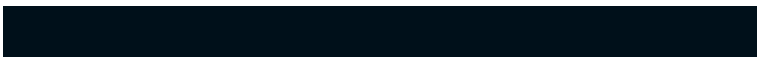
4278195635



4283455065



4278214041



4278194202

Inverse Universe

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



4289921133



4293394573



4289961472



4284043350



4288217181



4279894032

Previews

White Background



This preview shows how the Android color 4278218163 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 4278218163 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 4278218163 Background



This preview shows how black text looks on a background with the Android color 4278218163.



This preview shows how white text looks on a background with the Android color 4278218163.

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
4278218163

Protanomaly
4281362863

Deuteranomaly
4280249268

Tritanomaly
4278219409

Monochromacy



Original Color
4278218163

Achromatopsia
4283716692

Achromatomaly
4281687415

CSS Examples

Text

The CSS property to change the color of the text to Android 4278218163 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, 109, 179)` looks like.

```
.text, #text, p{  
    color:rgb(0, 109, 179)  
}
```

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, 109, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 109, 179) }
```

Border

The CSS property to change the border of an element to Android 4278218163 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, 109, 179) }
```

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

```
.border{ border-color:rgb(0, 109, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 109, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 109, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 109, 179);  
box-shadow:4px 4px 4px 4px rgb(0, 109,  
179) }
```

Background

The CSS property to change the background color of an element to Android 4278218163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 109, 179) }
```

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

```
.background{ background-color: rgb(0, 109,  
179) }
```

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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