

Converting Colors

Android(4278216362)

Have a look what the booklet for
Android(4278216362) contains.

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Color

Android(4278216362)

Conversions

Conversions Part 1

Format	Color
Hex	0066AA
RGB	0, 102, 170
RGB Percent	0%, 40%, 67%
CMY	1.0000, 0.6000, 0.3333
CMYK	1.00, 0.40, 0.00, 0.33
HSL	204°, 100%, 33%
HSV	204°, 100%, 67%
XYZ	12.0071, 12.4050, 39.7918
YIQ	79.2540, -82.6200, -0.4760

Conversions

Conversions Part 2

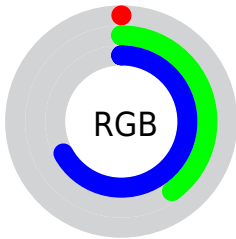
Format	Color
RYB	0, 64, 170
Decimal	26282
CIELab	41.85, 1.52, -43.24
CIELCh	42, 43.271, 272.009
Yxy	12.4050, 0.1870, 0.1932
Android (android.graphics.Color)	4278216362 (0xFF0066AA)
YUV	79.2540, 44.7378, -69.5058
Hunter-Lab	35.2208, -0.7841, -42.3302

Details

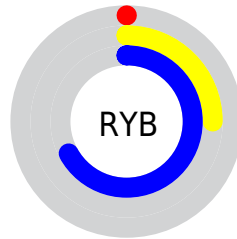
The Android color `4278216362` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289348608`, and the grayscale version is `4283387727`.

A 20% lighter version of the original color is `4284062178`, and `4278204533` is the 20% darker color. If you saturate the color by 10%, you get `4278216362`, and if you desaturate by 10%, it is `4279332266`.

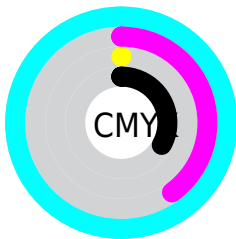
Distribution



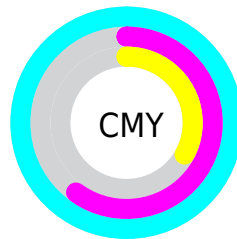
- Red (0%)
- Green (40%)
- Blue (67%)



- Red (0%)
- Yellow (25%)
- Blue (67%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (60%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278216362 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 4278216362 by changing the saturation by 10% instead.

 4278216362

 4278216362

4294967295

 4278210191

 4284062178

 4278204533

 4286034943

 4278199132

 4288008191

 4278193476

 4289915903

 4278190893

 4291887103

 4278190359

 4293853183

 4278190080

 4278216362

 4279332266

■ 4280448170

■ 4281563818

■ 4282679722

■ 4283795626

■ 4284911530

■ 4286027434

■ 4287143082

■ 4288258986

Harmonies

Analogous

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



4278218657



4278216362



4284962975

Triad

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



4278216362



4288759615



4279595328

Complementary

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



4278216362



4289348608

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.



4283395106



4278216362



4287583267

Square

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



4278216362



4288823650



4285751828



4278219876

Rectangle

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



4278216362



4286926479



4285751828



4281298997

Sweetspot

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



4278216362



4288398302



4278233668



4282933360



4293980400



4285558896

Same Dimension

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



4278216362



4278224350



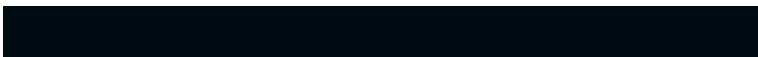
4278194602



4283191636



4278213012



4278193172

Inverse Universe

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



4289331302



4292739205



4289370368



4283714641



4287889497



4279500812

Previews

White Background



This preview shows how the Android color 4278216362 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 4278216362 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 4278216362 Background



This preview shows how black text looks on a background with the Android color 4278216362.



This preview shows how white text looks on a background with the Android color 4278216362.

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
4278216362

Protanomaly
4281164455

Deuteranomaly
4279985579

Tritanomaly
4278217608

Monochromacy



Original Color
4278216362

Achromatopsia
4283387727

Achromatomaly
4281489264

CSS Examples

Text

The CSS property to change the color of the text to Android 4278216362 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, 102, 170)` looks like.

```
.text, #text, p{  
    color:rgb(0, 102, 170)  
}
```

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, 102, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 102, 170) }
```

Border

The CSS property to change the border of an element to Android 4278216362 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, 102, 170) }
```

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

```
.border{ border-color:rgb(0, 102, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 102, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 102, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 102, 170);  
box-shadow:4px 4px 4px 4px rgb(0, 102,  
170) }
```

Background

The CSS property to change the background color of an element to Android 4278216362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 102, 170) }
```

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

```
.background{ background-color: rgb(0, 102,  
170) }
```

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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