

Converting Colors

Android(4278216142)

Have a look what the booklet for
Android(4278216142) contains.

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Color

Android(4278216142)

Conversions

Conversions Part 1

Format	Color
Hex	0065CE
RGB	0, 101, 206
RGB Percent	0%, 40%, 81%
CMY	1.0000, 0.6039, 0.1922
CMYK	1.00, 0.51, 0.00, 0.19
HSL	211°, 100%, 40%
HSV	211°, 100%, 81%
XYZ	15.7943, 13.7636, 60.2167
YIQ	82.7710, -93.9010, 11.2430

Conversions

Conversions Part 2

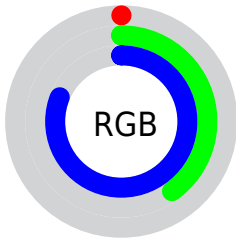
Format	Color
R_{YB}	0, 68, 206
Decimal	26062
CIE Lab	43.89, 16.73, -60.90
CIE LCh	44, 63.161, 285.363
Yxy	13.7636, 0.1759, 0.1533
Android (android.graphics.Color)	4278216142 (0xFF0065CE)
YUV	82.7710, 60.7519, -72.5902
Hunter-Lab	37.0993, 11.0688, -70.2654

Details

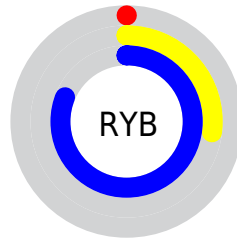
The Android color `4278216142` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4291717376`, and the grayscale version is `4283585106`.

A 20% lighter version of the original color is `4284717055`, and `4278204567` is the 20% darker color. If you saturate the color by 10%, you get `4278216142`, and if you desaturate by 10%, it is `4279595214`.

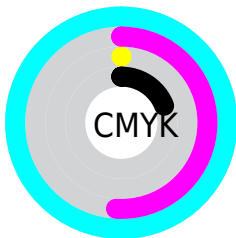
Distribution



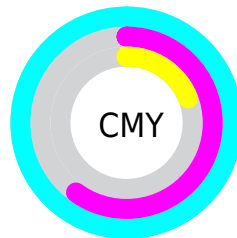
- Red (0%)
- Green (40%)
- Blue (81%)



- Red (0%)
- Yellow (27%)
- Blue (81%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (19%)



- Cyan (100%)
- Magenta (60%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278216142 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 4278216142 by changing the saturation by 10% instead.

 4278216142

 4278216142

4294967295

 4278210226

 4284717055

 4278204567

 4286886655

 4278199420

 4288859647

 4278194275

 4290898431

 4278192458

 4292935679

 4278191154

 4278190620

 4278190080

 4278216142

 4279595214

 4280908494

 4282287566

 4283600846

 4284979918

 4286358734

 4287672270

 4289051086

 4290364622

Harmonies

Analogous

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



4278220238



4278216142



4287318962

Triad

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



4278216142



4290003741



4278222155

Complementary

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



4278216142



4291717376

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.



4280252433



4278216142



4287847424

Square

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



4278216142



4290980175



4284837376



4278222722

Rectangle

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



4278216142



4289476756



4284837376



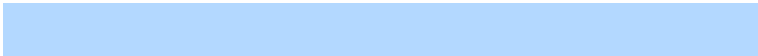
4278221881

Sweetspot

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



4278216142



4289976575



4278242919



4283590784



4278190080



4286611584

Same Dimension

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



4278216142



4278222335



4278190286



4284244326



4278210982



4278194982

Inverse Universe

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



4291690597



4294901885



4291743232



4284898401



4289069137



4280680467

Previews

White Background



This preview shows how the Android color 4278216142 looks on a white background.

Color Contrast Check

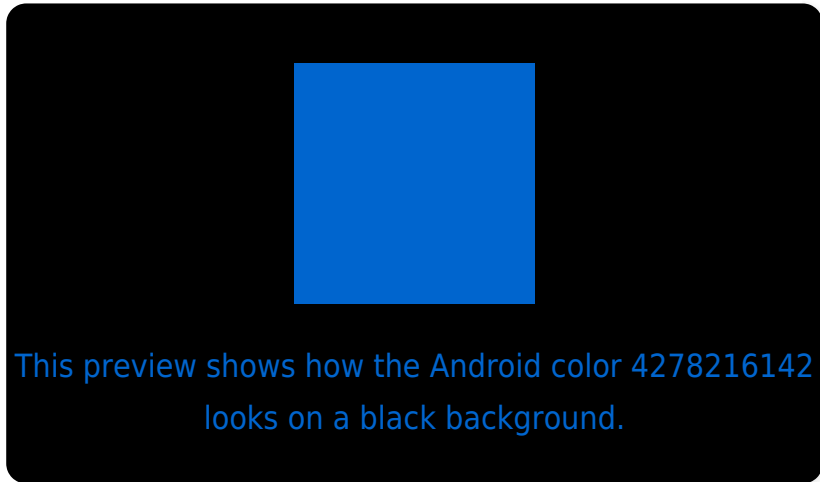
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 4278216142 Background



This preview shows how black text looks on a background with the Android color 4278216142.



This preview shows how white text looks on a background with the Android color 4278216142.

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
4278216142

Protanomaly
4279723213

Deuteranomaly
4278216896

Monochromacy



Original Color
4278216142

Achromatopsia
4283650899

Achromatomaly
4281686656

CSS Examples

Text

The CSS property to change the color of the text to Android 4278216142 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, 101, 206)` looks like.

```
.text, #text, p{  
    color:rgb(0, 101, 206)  
}
```

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, 101, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 101, 206) }
```

Border

The CSS property to change the border of an element to Android 4278216142 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, 101, 206) }
```

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

```
.border{ border-color:rgb(0, 101, 206) }
```

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

Here you see how a box with a 4 pixel rgb(0, 101, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 101, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 101, 206);  
box-shadow:4px 4px 4px 4px rgb(0, 101,  
206) }
```

Background

The CSS property to change the background color of an element to Android 4278216142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 101, 206) }
```

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

```
.background{ background-color: rgb(0, 101,  
206) }
```

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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