

Converting Colors

Android(4278212016)

Have a look what the booklet for
Android(4278212016) contains.

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Color

Android(4278212016)

Conversions

Conversions Part 1

Format	Color
Hex	0055B0
RGB	0, 85, 176
RGB Percent	0%, 33%, 69%
CMY	1.0000, 0.6667, 0.3098
CMYK	1.00, 0.52, 0.00, 0.31
HSL	211°, 100%, 35%
HSV	211°, 100%, 69%
XYZ	11.0850, 9.6316, 42.3491
YIQ	69.9590, -79.8710, 10.2810

Conversions

Conversions Part 2

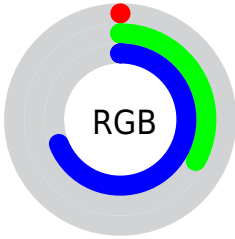
Format	Color
RYB	0, 57, 176
Decimal	21936
CIELab	37.17, 15.09, -54.31
CIELCh	37, 56.372, 285.531
Yxy	9.6316, 0.1758, 0.1527
Android (android.graphics.Color)	4278212016 (0xFF0055B0)
YUV	69.9590, 52.2782, -61.3540
Hunter-Lab	31.0348, 9.4455, -59.1810

Details

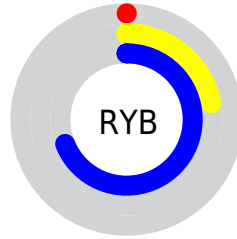
The Android color `4278212016` is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be `4289747712`, and the grayscale version is `4282795590`.

A 20% lighter version of the original color is `4284188392`, and `4278200699` is the 20% darker color. If you saturate the color by 10%, you get `4278212016`, and if you desaturate by 10%, it is `4279393968`.

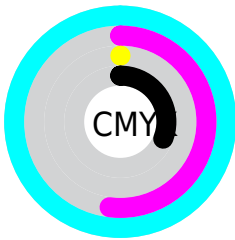
Distribution



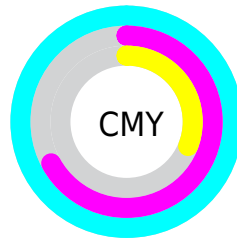
- Red (0%)
- Green (33%)
- Blue (69%)



- Red (0%)
- Yellow (22%)
- Blue (69%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (67%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278212016 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 4278212016 by changing the saturation by 10% instead.

 4278212016

 4278212016

4294967295

 4278206101

 4284188392

 4278200699

 4286226687

 4278196065

 4288199679

 4278191689

 4290107135

 4278191153

 4292080639

 4278190363

 4294049791

 4278190080

 4278212016

 4279393968

■ 4280510384

■ 4281692336

■ 4282808752

■ 4283990960

■ 4285172912

■ 4286289328

■ 4287471280

■ 4288587696

Harmonies

Analogous

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



4278215600



4278212016



4285939608

Triad

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



4278212016



4288231190



4278217279

Complementary

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



4278212016



4289747712

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.



4279723532



4278212016



4286401792

Square

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



4278212016



4289077570



4283784448



4278217583

Rectangle

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



4278212016



4287835518



4283784448



4278217007

Sweetspot

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



4278212016



4288791270



4278235227



4282998131



4294111986



4285756275

Same Dimension

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



4278212016



4278218726



4278386864



4283454809



4278209177



4278193178

Inverse Universe

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



4289724501



4293263471



4289572864



4284043349



4288217162



4279894028

Previews

White Background



This preview shows how the Android color 4278212016 looks on a white background.

Color Contrast Check

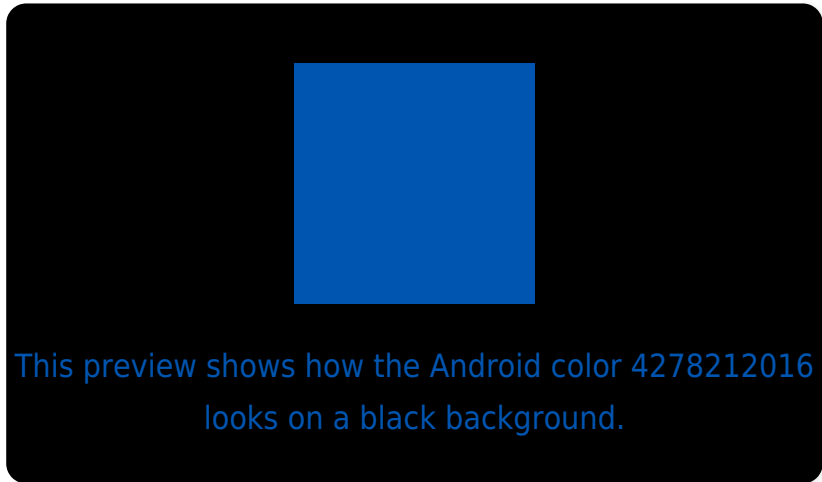
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4278212016 Background



This preview shows how black text looks on a background with the Android color 4278212016.



This preview shows how white text looks on a background with the Android color 4278212016.

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

4278212016

Protanopia

4279850159

Deuteranopia

4278213275

Trichromacy



Original Color
4278212016

Protanomaly
4279260335

Deuteranomaly
4278212771

Tritanomaly
4278214018

Monochromacy



Original Color
4278212016

Achromatopsia
4282795590

Achromatomaly
4281158509

CSS Examples

Text

The CSS property to change the color of the text to Android 4278212016 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, 85, 176)` looks like.

```
.text, #text, p{  
    color:rgb(0, 85, 176)  
}
```

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, 85, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 85, 176) }
```

Border

The CSS property to change the border of an element to Android 4278212016 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, 85, 176) }
```

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

```
.border{ border-color:rgb(0, 85, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 85, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 85, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 85, 176);  
box-shadow:4px 4px 4px 4px rgb(0, 85, 176)  
}
```

Background

The CSS property to change the background color of an element to Android 4278212016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 85, 176) }
```

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

```
.background{ background-color: rgb(0, 85,  
176) }
```

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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