

Converting Colors

Android(4281235640)

Have a look what the booklet for
Android(4281235640) contains.

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Color

Android(4281235640)

Conversions

Conversions Part 1

Format	Color
Hex	2E78B8
RGB	46, 120, 184
RGB Percent	18%, 47%, 72%
CMY	0.8196, 0.5294, 0.2784
CMYK	0.75, 0.35, 0.00, 0.28
HSL	208°, 60%, 45%
HSV	208°, 75%, 72%
XYZ	16.4949, 17.4745, 47.8509
YIQ	105.1700, -64.6480, 4.2160

Conversions

Conversions Part 2

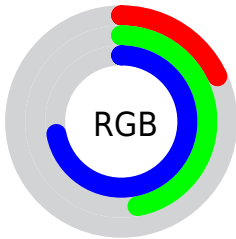
Format	Color
RYB	46, 94, 184
Decimal	3045560
CIELab	48.85, -0.64, -40.24
CIELCh	49, 40.248, 269.087
Yxy	17.4745, 0.2016, 0.2136
Android (android.graphics.Color)	4281235640 (0xFF2E78B8)
YUV	105.1700, 38.8632, -51.8921
Hunter-Lab	41.8025, -2.7197, -38.6070

Details

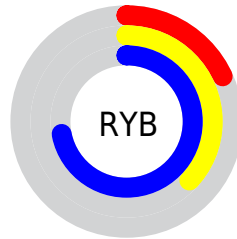
The Android color `4281235640` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4290276910`, and the grayscale version is `4285098345`.

A 20% lighter version of the original color is `4285443312`, and `4278208642` is the 20% darker color. If you saturate the color by 10%, you get `4280053688`, and if you desaturate by 10%, it is `4282417592`.

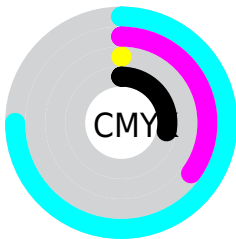
Distribution



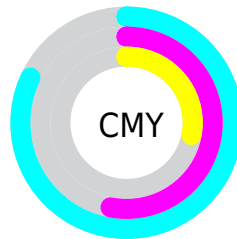
- Red (18%)
- Green (47%)
- Blue (72%)



- Red (18%)
- Yellow (37%)
- Blue (72%)



- Cyan (75%)
- Magenta (35%)
- Yellow (0%)
- Black (28%)




- Cyan (82%)
- Magenta (53%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281235640 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 4281235640 by changing the saturation by 10% instead.

 4281235640

 4281235640

4294967295

 4278214557

 4285443312


 4278208642

 4287416319

 4278202985

 4289324031

 4278197840

 4291297279

 4278191417

 4293197823

 4278190627

 4278190089

 4278190080

 4281235640

 4281235640

■ 4280053688

■ 4282417592

■ 4278806456

■ 4283664824

■ 4278215608

■ 4284846776

■ 4286094008

■ 4287275960

■ 4288457656

■ 4289705144

■ 4290886840

■ 4292134328

Harmonies

Analogous

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



4278223278



4281235640



4285820080

Triad

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



4281235640



4289878613



4282024528

Complementary

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



4281235640



4290276910

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.



4284906550



4281235640



4288898362

Square

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



4281235640



4289812342



4287197741



4278224242

Rectangle

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



4281235640



4287783585



4287197741



4283138118

Sweetspot

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



4281235640



4290369264



4281251948



4283852920



4294440951



4286085240

Same Dimension

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



4281235640



4279799024



4281218488



4283652188



4278211484



4278193948

Inverse Universe

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



4290260600



4293925004



4290294062



4284240728



4288413779



4280025103

Previews

White Background



This preview shows how the Android color 4281235640 looks on a white background.

Color Contrast Check

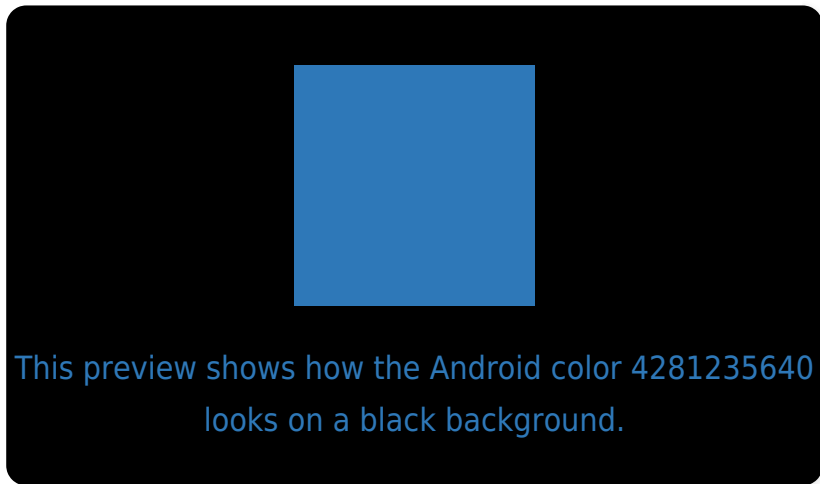
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281235640 Background



This preview shows how black text looks on a background with the Android color 4281235640.



This preview shows how white text looks on a background with the Android color 4281235640.

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
4281235640

Protanomaly
4283135156

Deuteranomaly
4282414521

Tritanomaly
4279336347

Monochromacy



Original Color
4281235640

Achromatopsia
4285098345

Achromatomaly
4283723398

CSS Examples

Text

The CSS property to change the color of the text to Android 4281235640 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(46, 120, 184)` looks like.

```
.text, #text, p{  
    color:rgb(46, 120, 184)  
}
```

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(46, 120, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 120, 184) }
```

Border

The CSS property to change the border of an element to Android 4281235640 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(46, 120, 184) }
```

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

```
.border{ border-color:rgb(46, 120, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 120, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 120, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 120, 184);  
box-shadow:4px 4px 4px 4px rgb(46, 120,  
184) }
```

Background

The CSS property to change the background color of an element to Android 4281235640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 120, 184) }
```

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

```
.background{ background-color: rgb(46, 120,  
184) }
```

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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