

Converting Colors

Android(4281227920)

Have a look what the booklet for
Android(4281227920) contains.

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Color

Android(4281227920)

Conversions

Conversions Part 1

Format	Color
Hex	2E5A90
RGB	46, 90, 144
RGB Percent	18%, 35%, 56%
CMY	0.8196, 0.6471, 0.4353
CMYK	0.68, 0.37, 0.00, 0.44
HSL	213°, 52%, 37%
HSV	213°, 68%, 56%
XYZ	9.8169, 9.9068, 27.7804
YIQ	83.0000, -43.5580, 7.4660

Conversions

Conversions Part 2

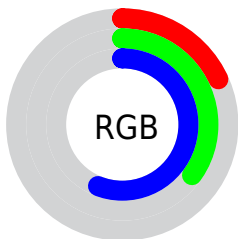
Format	Color
RYB	46, 76, 144
Decimal	3037840
CIELab	37.67, 3.24, -34.31
CIELCh	38, 34.460, 275.390
Yxy	9.9068, 0.2067, 0.2085
Android (android.graphics.Color)	4281227920 (0xFF2E5A90)
YUV	83.0000, 30.0730, -32.4490
Hunter-Lab	31.4750, 0.5920, -30.2977

Details

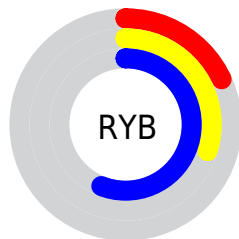
The Android color `4281227920` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4287652910`, and the grayscale version is `4283650899`.

A 20% lighter version of the original color is `4284976326`, and `4278201693` is the 20% darker color. If you saturate the color by 10%, you get `4280308368`, and if you desaturate by 10%, it is `4282147472`.

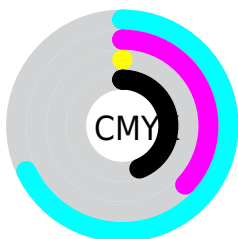
Distribution



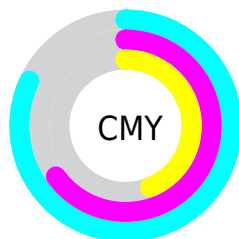
- Red (18%)
- Green (35%)
- Blue (56%)



- Red (18%)
- Yellow (30%)
- Blue (56%)



- Cyan (68%)
- Magenta (37%)
- Yellow (0%)
- Black (44%)



- Cyan (82%)
- Magenta (65%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281227920 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 4281227920 by changing the saturation by 10% instead.

■ 4281227920

■ 4281227920

4294967295

■ 4278535030

■ 4284976326

■ 4278201693

■ 4286752482

■ 4278196549

■ 4288594431

■ 4278191151

■ 4290436607

■ 4278190361

■ 4292344319

■ 4278190080

■ 4294311935

■ 4281227920

■ 4281227920

■ 4280308368

■ 4282147472

■ 4279323280

■ 4283132560

■ 4278403728

■ 4284052112

■ 4278206864

■ 4285037200

■ 4285956752

■ 4286876304

■ 4287861392

■ 4288780688

■ 4289765776

Harmonies

Analogous

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



4278215307



4281227920



4284567430

Triad

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



4281227920



4287186234



4280116544

Complementary

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



4281227920



4287652910

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.



4282867753



4281227920



4286271270

Square

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



4281227920



4287381589



4284766494



4278216541

Rectangle

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



4281227920



4286007417



4284766494



4281230392

Sweetspot

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



4281227920



4287997626



4281241700



4282929758



4292796126



4284374622

Same Dimension

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



4281227920



4280444602



4281544336



4282401607



4278205831



4278190856

Inverse Universe

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



4287639130



4290388582



4287336494



4282859587



4287037501



4278714371

Previews

White Background



This preview shows how the Android color 4281227920 looks on a white background.

Color Contrast Check

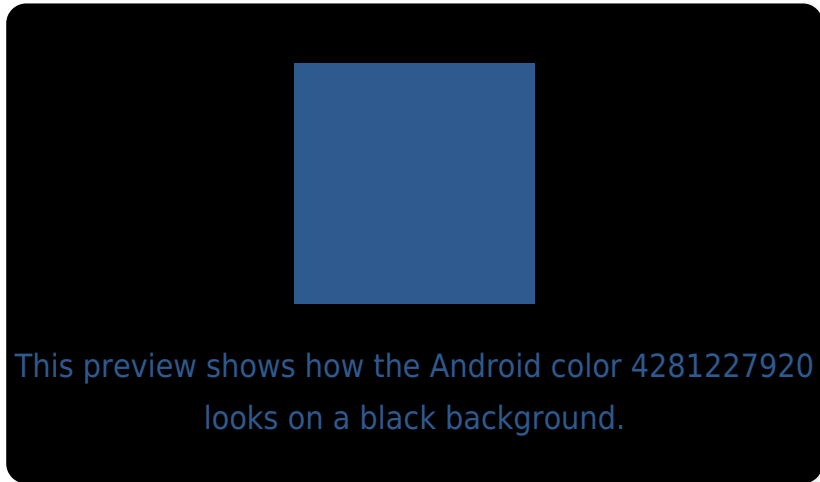
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281227920 Background



This preview shows how black text looks on a background with the Android color 4281227920.



This preview shows how white text looks on a background with the Android color 4281227920.

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

4281227920

Protanopia

4282668941

Deuteranopia

4281751952

Trichromacy



Original Color

4281227920

Protanomaly

4282144910

Deuteranomaly

4281555344

Tritanomaly

4280049528

Monochromacy



Original Color

4281227920

Achromatopsia

4283650899

Achromatomaly

4282799721

CSS Examples

Text

The CSS property to change the color of the text to Android 4281227920 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, 90, 144)` looks like.

```
.text, #text, p{  
    color:rgb(46, 90, 144)  
}
```

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, 90, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 90, 144) }
```

Border

The CSS property to change the border of an element to Android 4281227920 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, 90, 144) }
```

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

```
.border{ border-color:rgb(46, 90, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 90, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 90, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 90, 144);  
box-shadow:4px 4px 4px 4px rgb(46, 90,  
144) }
```

Background

The CSS property to change the background color of an element to Android 4281227920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 90, 144) }
```

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

```
.background{ background-color: rgb(46, 90,  
144) }
```

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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